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Philip E. Crewson, Ph.D.

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Research Support Service
21515 Welby Terrace
Ashburn, VA 20148

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The purpose of this study was to conduct a limited review of literature published between January 1986 and May 2001 concerning the accuracy and reliability of screening and diagnostic tests in polygraph, medicine, and psychology. Out of 5,189 hits produced by the literature search, 1,158 articles and abstracts were reviewed, 145 were found to useful resulting in data on 198 studies. For field screening assessments, the sensitivity of polygraph, medical, and psychological tools was .59, .79, and .74 respectively. Specificity of polygraph, medical, and psychological tools was .92, .83, and .72. Agreement was measured with kappa. Among readers in polygraph, medicine, and psychology kappa was .77, .56, and .79 respectively. Reports in the literature of polygraph's accuracy and reliability (agreement) on specific issues appear to be consistent with published studies on medical and psychological assessment tools. However, there is an enormous range of accuracy and agreement not only within polygraph but also medicine and psychology. Although there were very few polygraph screening studies, accuracy reports were lower than those in medicine and psychology.

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Comparative Analysis of Polygraph with Other Screening and Diagnostic

Phillip E. Crewson Ph.D.
Research Support Service, 21515 Welby Terrace, Ashburn, VA 20148

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Department of Defense Polygraph Institute
7540 Pickens Avenue
Fort Jackson SC 29207

Project: *A Comparative Analysis of Polygraph with other Screening and Diagnostic Tools*

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Investigator: Philip E. Crewson, Ph.D.
Research Support Service
21515 Welby Terrace
Ashburn, VA 20148
703-858-7248
703-858-7247 (fax)
e-mail: phil@acastat.com

Funded by: Department of Defense Polygraph Institute
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Abstract

The purpose of this study was to conduct a limited review of literature published between January 1986 and May 2001 concerning the accuracy and reliability of screening and diagnostic tests in polygraph, medicine, and psychology. Out of the 5,189 hits produced by the literature search, 1,158 articles and abstracts were reviewed, 145 were found to be useful resulting in data on 198 studies. For field screening assessments, the sensitivity of polygraph, medical, and psychological tools was .59, .79, and .74 respectively. Specificity of polygraph, medical, and psychological screening was .90, .94, and .78. For field diagnostic assessments, the sensitivity of polygraph, medical, and psychological tools was .92, .83, and .72. Specificity of polygraph, medical, and psychological diagnostic testing was .83, .88, and .67 respectively. Agreement was measured with kappa. Among readers in polygraph, medicine, and psychology kappa was .77, .56, and .79 respectively. Reports in the literature of polygraph's accuracy and reliability (agreement) on specific issues appear to be consistent with published studies on medical and psychological assessment tools. However, there is an enormous range of accuracy and agreement not only within polygraph but also medicine and psychology. Although there were very few polygraph screening studies, accuracy reports were lower than those in medicine and psychology.

An Executive Summary is available on page 26 of this report.

Introduction

The purpose of this study was to conduct a limited review of the literature concerning the accuracy and reliability of screening and diagnostic tests in polygraph, medicine, and psychology. Measures in common use today for evaluating assessment tools assume perfection is the benchmark of a tool's efficacy. This inevitably causes disappointment in the performance of assessment tools, since they rarely produce 100% accuracy or reliability unless significant tradeoffs are made. The premise of this study is that something less than perfection is the common outcome of assessment tool studies. What follows is an effort to put the reported accuracy and reliability of polygraph in context with studies from the medical and psychological literature. It is important to recognize that comparing assessment tools across different disciplines and technologies will not clarify whether or not polygraph is an accurate or reliable means for detecting truth and deception. It does, however, place the less than perfect performance of polygraph along side other commonly used diagnostic and screening tools.

The literature review focuses on the validity (accuracy) and reliability (agreement) of polygraph as it compares to other assessment tools outside the framework of the detection of deception. The primary focus is on common medical (diagnostic radiology) assessment tools such as ultrasound (US), x-rays, computed tomography (CT), and magnetic resonance imaging (MRI) along with psychological assessment tools such as the Minnesota Multiphasic Personality Inventory (MMPI) and the Diagnostic and Statistical Manual of Mental Disorders (DSM-III and IV). Polygraph's approach involves a human reader using technology to measure and interpret physiological conditions and responses to make a diagnosis. This process is very similar to the mechanics involved in diagnostic radiology. This connection between reader, technology, and examinee is less evident in the psychological literature where many of the assessment tools are

paper and pencil tests with established scoring systems that require no reader interpretation. An effort was made to locate assessment tools in education and personnel screening but few were found that either a) reported data that were comparable or b) were not already incorporated into the psychology literature.

A very utilitarian approach was used in gathering data for this comparative analysis. Study selection depended on whether there was sufficient information in an abstract to a) use in the analysis or b) would lead this investigator to believe usable data could be obtained from the article text. What follows is a very specific delineation of the methodology used. Consumers of this report should be warned that the summary measures calculated from this set of research studies may be different if another selection of studies is used.

Method

In addition to information provided by the Department of Defense Polygraph Institute (DoDPI) research staff, a literature search was conducted through MEDLINE of the National Library of Medicine, PsycInfo Direct of the American Psychological Association, and an index of polygraph studies on the National Polygraph Consultants website. The search was limited to research published in the past fifteen years, but some results from review articles include earlier studies. The keywords used in the literature search are listed in Table 1.

Table 1: Search Keywords

screening	multi-rater
screening test	test reliability
screening evaluation	personnel testing
screening techniques	security screening
screening accuracy	psychological testing
diagnostic	MMPI
diagnostic test	validity
diagnostic evaluation	accuracy
diagnostic techniques	sensitivity
diagnostic accuracy	specificity
reliability	area under the curve
agreement	receiver operating characteristic curve
kappa	ROC
percent agreement	test validity
rater agreement	

DoDPI staff provided assistance in collecting hard copy versions of polygraph articles and also gave guidance on relevant polygraph studies not found during the literature search. The polygraph studies were reviewed first to identify measures of accuracy and agreement that would be common to all three professions. Accuracy and agreement measures were reported in several

different forms and in several cases had to be converted to maintain consistency. Table 2 lists the common measures used for this review. These terms are more common in the medical literature but their meanings are directly transferable to polygraph and psychology.

Table 2: Summary of common terms used and not used in this study.

Terms Used	Definition	Also Known As
Sensitivity (Se)	The proportion of diseased cases with a positive test. (perfect accuracy = 1.0)	True Positive Rate (TPR)
Specificity (Sp)	The proportion of non-diseased cases with a negative test. (perfect accuracy = 1.0)	True Negative Rate (TNR)
Total Accuracy	(Se+Sp)/2 (perfect accuracy = 1.0)	Lykken's formula
Percent Agreement	The proportion of all readings conducted by two readers in which their interpretations agreed.	
Kappa (k)	Coefficient representing agreement obtained between two readers beyond chance. A value of 1 represents perfect agreement. A value of 0 represents no agreement.	

Terms Not Used	Definition	Also Known As
False Positive Rate	The proportion of non-diseased cases with a positive test. (perfect accuracy = 0.0)	1-Specificity
False Negative Rate	The proportion of diseased cases with a negative test. (perfect accuracy = 0.0)	1-Sensitivity
Total Accuracy	# of correct interpretations ÷ # of total interpretations	

The primary measures used in this report are sensitivity, specificity, and kappa. Sensitivity reflects the proportion of diseased cases correctly identified by an assessment tool. In polygraph, disease is analogous to deception. A sensitivity of 1.0 indicates the tool correctly identifies 100% of cases with the target condition. Specificity reflects the proportion of non-diseased (truthful) cases correctly identified by an assessment tool. A specificity of 1.0 indicates the tool correctly identifies 100% of cases without the target condition. Sensitivity and specificity are also averaged to give one combined estimate of accuracy. The combined accuracy measure is the same as that advocated by Lykken (1983) and used in a review of polygraph studies by McCauley and Forman (1988). The fourth measure is kappa. Kappa is a coefficient that represents agreement obtained between two readers beyond what would be expected by chance alone. A value of 1.0 represents perfect agreement. A value of 0.0 represents no agreement. Kappa can also range to -1.0 (perfect disagreement) but there are no negative kappas reported in this study. A list of common terms there are not used is also provided in Table 2.

Upon review, a study was categorized as either analog (laboratory) or field-based (actual cases) and whether they were measuring an assessment tool in a screening or diagnostic application. Screening applications involve the use of an assessment tool on a general population in which there is no specific evidence of disease. As an example, screening mammography is routinely used on asymptomatic women in the hope of finding disease at an early stage. Diagnostic correlates with the polygraph specific issue test and is reserved for studies where there is prior evidence a condition exists, such as when a test is ordered after a clinical examination of a patient suggests an abnormality. As an example, diagnostic

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[1] Fleiss, J.L. (1981), Statistical Methods for Rates and Proportions. John Wiley, New York.
Landis, J.R and G.G. Koch. (1977). "The Measurement of Observer Agreement for Categorical Data." Biometrics

mammography is used on symptomatic women; those who have discovered a lump or other abnormality in the breast.

Abstracts were reviewed for evidence of comparable measures of accuracy and agreement. Exploratory studies, newsletters, commentaries, non-established scales, duplications, and studies that were unlikely to produce appropriate statistics were avoided. Agreement studies that didn't compare interpretations between two or more human raters were not used. If accuracy or agreement were reported separately by various control groups (sex, race, age) an effort was made to calculate an average. Scales that did not have an established cutoff for disease were not used. Only studies investigating a procedure in common use were used. This was determined by words and phrases in the text such as "preliminary," "could be used," "potential for." When accuracy was presented for both a newly proposed versus old established technique, only the data for the established technique were used. Studies involving the use of two or more procedures to form a decision and studies designed to stage the progression of known disease were also excluded. Medical studies involving invasive scopes were not used; nor did this review include any medical diagnostic tests outside radiology, such as pathology or cardiology. When accuracy was reported at several cutoffs, the first disease cutoff was used if there was no other indication of recommended practice. Contrary to the review conducted by the Office of Technology Assessment (OTA) in 1983, inconclusive results were not used in the accuracy estimates. Although inconclusives were rarely mentioned in the medical and psychological literature, when they were mentioned, they were explicitly excluded from the accuracy estimates. Inconclusive interpretations were used for agreement statistics when the data were available.

Data collected on accuracy, agreement, number of subjects, and number of studies were entered into a spreadsheet. These data were double-verified for accuracy. The spreadsheet was

used to sort studies and quantify summary measures. A mean, median, minimum, and maximum value were calculated to summarize the overall results of the screening and diagnostic studies found in this inquiry. This approach is similar to prior reviews. No statistical analysis was conducted nor is it recommended.

Weaknesses

Before continuing, the results of this review should be put into context by clearly noting several weaknesses in both study design and application. This report contains a fifteen-year snapshot of three literature domains, not definitive estimates of diagnostic test performance. Therefore the greatest concern is overgeneralization of the results beyond their simple intent to frame the science of accuracy and reliability. In addition, this review should be viewed with the following caveats in mind:

1. This is not a systematic review of the literature in polygraph, medicine, or psychology. Specific rules were followed to collect examples of the relevant body of literature, but there was also a very utilitarian perspective taken in obtaining a sampling of accuracy and agreement reports on commonly known assessment tools.
2. The summary statistics reported for polygraph, medicine, and psychology should not be interpreted as generalizable to all assessment tools or applications within these professions. The summary statistics are simply a method of conveying the central tendency and variation of accuracy and reliability estimates reported in the literature. They are not statements of accuracy for a particular procedure or profession. There is much more that would need to be done to develop that level of precision. As an example, a systematic and replicable review should include special analytical techniques such as

meta-analysis, study quality scoring, exclusion of low quality studies, and exhaustive disease-technology specific literature searches. This would be an enormous undertaking that far exceeds the objective of this study.

3. Similar to one of the weaknesses mentioned above, this review did not make any effort to determine the quality of the research that produced the statistics reported in the tables that follow.
4. It should be noted that the tools used for polygraph, medicine, and psychology are not directly comparable in either their technology, application, or patient populations.

Results

The results of this literature review are separated into several sections. After reviewing the results of the search effort, the overall results for screening and diagnostic accuracy will be presented. This will be followed by a rank-ordered comparison of accuracy as it relates to common medical and psychological diseases (e.g. appendicitis, depression). A rank-ordered comparison will also be provided by assessment technique (MRI, MMPI, etc.). The results section will conclude with a review of reader agreement.

Literature Search

A search for polygraph studies was conducted on April 1, 2001 through the index provided by National Polygraph Consultants (www.nationalpolygraphconsultants.com). Out of 152 articles found, 42 were reviewed, data from 16 articles were used representing 51 separate studies (see Table 3). A search for medical studies was conducted on April 30, 2001 through the PubMed index (www.ncbi.nlm.nih.gov/PubMed). The search looked for keywords in both the title and abstract and covered the time frame 1/1/1986 through 4/30/2001. Since there were tens of thousands of hits in PubMed, the search was refined to focus on any keywords in the title or abstract that contained both a common imaging modality (plain film, mammography, ultrasound, CT, MRI) and kappa, sensitivity, specificity, or receiver operating characteristic curve (ROC). Abstracts and/or articles from 933 articles were reviewed. Data from 90 of these articles were used representing 90 separate studies. A search for psychological literature was conducted via PsycInfo Direct (http://www.psycinfo.com) on April 29, 2001 for keywords in the abstract. The

search covered 1/1/1985 to 4/29/2001. Out of 3,975 articles found, 183 were reviewed, data from 39 articles were used representing 57 separate studies.

Table 3: Search Results

Field	Hits	Reviewed	Articles Used	Studies Reported
Polygraph	152	42	16	**51**
Medical	1,065	933	90	**90**
Psychological	3,975	183	39	**57**
Total	5,189	1,158	145	**198**

Although analog studies were very common in the polygraph literature, none were found in the psychology literature and only two were found in the medical literature. As a result, most comparisons mentioned in the report focus on describing field polygraph accuracy (bolded in tables); however, the tables also include results for analog polygraph along with analog and field studies averaged into one combined accuracy measure. Some articles reported more than one accuracy or agreement estimate. As a result, the count of studies provided in some of the tables may sum to more than what is reported in Table 3. A complete listing of the data used in this report is contained in the Appendix.

Accuracy of Screening Techniques

Five polygraph screening studies were found. Based on three analog studies, the mean sensitivity of polygraph screening (.76) is greater than that reported in the two field polygraph screening studies (.59). Specificity in analog polygraph screening studies (.82) is less than field

screening studies (.90). For ten medical screening studies, both the mean sensitivity (.79) and specificity (.94) are greater than polygraph. Psychology screening (36 studies) reports have greater sensitivity (.74) than polygraph but lower specificity (.78).

Table 4: Accuracy of screening techniques in polygraph, medicine, and psychology

	Polygraph				
	Analog	Field	Combined*	Medicine	Psychology
Sensitivity (TPR)					
Mean	0.76	0.59	0.67	0.79	0.74
Median	0.67	0.59	0.63	0.78	0.79
Minimum	0.61	0.45	0.53	0.51	0.11
Maximum	1.00	0.73	0.86	0.97	1.00
Studies	3	2	5	10	36
Specificity (TNR)					
Mean	0.82	0.90	0.86	0.94	0.78
Median	0.83	0.90	0.87	0.93	0.85
Minimum	0.63	0.87	0.75	0.87	0.00
Maximum	1.00	0.93	0.97	1.00	1.00
Studies	3	2	5	10	36
Combined Accuracy					
Mean	0.79	0.74	0.77	0.86	0.76
Median	0.72	0.74	0.73	0.85	0.78
Minimum	0.65	0.69	0.67	0.76	0.42
Maximum	1.00	0.80	0.90	0.99	0.98
Studies	3	2	5	10	36
Number of Subjects					
Mean	50	467	258	56,581	996
Median	40	467	253	19,758	307
Minimum	40	200	120	79	55
Maximum	71	733	402	202,070	16,235
Studies	3	2	5	10	36

* (analog + field)/2

Overall, the mean reported combined accuracy of screening polygraph (.74) is similar to screening psychology studies (.76) but lower than the mean combined screening accuracy for medical (.86) studies. The range between the minimum and maximum combined accuracy estimates from the literature is very different for polygraph (.69 to .80), medicine (.76 to .99), and psychology (.42 to .98). On average, polygraph screening studies use about half (467) as many subjects as psychology (996) studies and far less than reported for medical screening studies (56,581).

Accuracy of Diagnostic Techniques

There are 37 field polygraph, 94 medical, and 51 psychology diagnostic studies reported in Table 5. Mean sensitivity and specificity reported in field polygraph diagnostic studies are greater than those based on analog diagnostic studies. The mean sensitivity reported for medicine (.83) and psychology (.72) are lower than field polygraph (.92) studies. Although polygraph field studies have a mean specificity (.83) that is greater than psychology studies (.67), polygraph's specificity is similar but lower than that reported in the medical studies (.88). Overall, the mean combined diagnostic accuracy of polygraph (.88) and medical (.86) studies are very similar. The range between the minimum and maximum combined accuracy estimates from the literature are very similar for polygraph (.64 to 1.0), medicine (.60 to 1.0), and psychology (.50 to .93). On average, polygraph diagnostic studies use about half (108) as many subjects as medicine (284) and psychology (218).

Table 5: Accuracy of diagnostic techniques in polygraph, medicine, and psychology

	Polygraph				
	Analog	Field	Combined	Medicine	Psychology
Sensitivity (TPR)					
Mean	0.89	**0.92**	0.91	**0.83**	**0.72**
Median	0.92	0.95	0.94	0.85	0.71
Minimum	0.63	0.71	0.67	0.25	0.37
Maximum	1.00	1.00	1.00	1.00	0.96
Studies	18	37	55	94	51
Specificity (TNR)					
Mean	0.78	**0.83**	0.81	**0.88**	**0.67**
Median	0.79	0.90	0.85	0.93	0.65
Minimum	0.49	0.43	0.46	0.44	0.41
Maximum	0.97	1.00	0.99	1.00	0.95
Studies	18	37	55	94	51
Combined Accuracy					
Mean	0.84	**0.88**	0.86	**0.86**	**0.70**
Median	0.85	0.90	0.87	0.88	0.69
Minimum	0.60	0.64	0.62	0.60	0.50
Maximum	0.98	1.00	0.99	1.00	0.93
Studies	18	37	55	94	51
Number of Subjects					
Mean	72	**108**	90	**284**	**218**
Median	55	64	60	124	84
Minimum	15	16	16	23	29
Maximum	192	959	576	4,811	1,079
Studies	18	37	55	89	51

Accuracy by Target Condition

Table 6 reports screening and diagnostic accuracy by target condition and assessment technique used. The list is ordered from highest to lowest mean combined accuracy. Diagnosing acute appendicitis with computed tomography (CT) has the greatest combined accuracy (.96). Based on five studies, CT has a sensitivity of .95 and specificity of .98 in the diagnosis of acute appendicitis.

Table 6: Rank ordered "Combined Accuracy" on common medical & psychological diseases

		Average Accuracy			
Target Condition	Technique	Sensitivity (TPR)	Specificity (TNR)	Combined Accuracy	Number of Studies
Acute Appendicitis	CT	0.95	0.98	**0.96**	5
Brain Tumor	MRI	0.93	0.98	**0.95**	2
Carotid Artery Disease	US	0.89	0.93	**0.91**	14
Acute Appendicitis	US	0.84	0.97	**0.91**	2
Breast Cancer	US	0.92	0.87	**0.90**	3
Deception	**Polygraph**	**0.92**	**0.83**	**0.88**	**37**
Breast Cancer	MRI	0.98	0.74	**0.86**	3
Breast Cancer (screen)	Plain Film	0.79	0.92	**0.86**	4
Multiple Sclerosis	MRI	0.73	0.93	**0.83**	2
Breast Cancer	Plain Film	0.78	0.83	**0.80**	7
Alcohol Abuse (screen)	MAST*	0.80	0.78	**0.79**	4
Deception (screen)	**Polygraph**	**0.59**	**0.90**	**0.74**	**2**
Personality Disorders	DSM-IV**	0.84	0.60	**0.72**	3
Depression	MMPI	0.68	0.65	**0.67**	25

*Also included a study using MMPI
**Also included studies using ICD-10 and a Personality Index

Diagnosing depression with the MMPI has the lowest mean combined accuracy (.67) reported in Table 6. Based on 37 studies, diagnostic field polygraph studies have an average combined accuracy of .88. This is similar to using ultrasound to diagnose carotid artery disease (.91), acute appendicitis (.91), and breast cancer (.90). It is also similar to using MRI (.86) and plain film

(.86) to diagnose breast cancer. The combined accuracy of screening polygraph is one of the lowest reported in Table 6.

Accuracy by Evaluation Tool

Table 7 reports accuracy by type of evaluation tool. Similar to Table 6, the list is ordered from highest to lowest mean combined accuracy. Based on 37 field studies, diagnostic (specific issue) polygraph has the highest combined accuracy (.88). Overall, however, the combined diagnostic accuracy reported in field polygraph studies is very similar to those reported in MRI (.87), CT (.86), and ultrasound (.86) diagnostic studies. The MMPI, either screening (.61) or diagnostic (.67), has the lowest average combined accuracy.

Table 7: Rank ordered "Combined Accuracy" of diagnostic & screening tools

	Average Accuracy			
Evaluation Tool	Sensitivity (TPR)	Specificity (TNR)	Combined Accuracy	Number of Studies
Polygraph	0.92	0.83	0.88	37
MRI	0.86	0.88	0.87	17
CT	0.83	0.89	0.86	19
US	0.84	0.87	0.86	38
Plain Film	0.77	0.85	0.81	12
MAST (screening)	0.64	0.92	0.78	3
Polygraph (screening)	0.59	0.90	0.74	2
DSM-IV	0.72	0.68	0.70	1
MMPI	0.68	0.65	0.67	17
MMPI (screening)	0.70	0.53	0.61	5

Inter-Rater Agreement

Agreement among raters is measured as either the percent of cases in which two raters agree on an interpretation or the proportion of agreement beyond that expected by chance, which is represented by the kappa coefficient. Although these are very common measures of agreement, neither of these measures were reported often in the literature reviewed for this study. As an example, there was only one study gathered in the search of psychology literature that reported between rater percent agreement. All agreement studies reported in Table 8 are based on field studies. There were only three screening studies found that reported agreement data and these were all polygraph. There were no analog studies found.

The eight polygraph studies reporting percent agreement averaged 91% among polygraph examiners compared to 81% for physicians (based on five studies). Kappa coefficients were found in all three disciplines. Based on six studies in the psychology literature, the mean kappa among psychologists is .79. This is similar to polygraph examiners (.77) but greater than reports on physicians (.56). It is important to note that kappa is a chance corrected measure. This means that the kappa coefficient depends on both agreement and the distribution of cases used in a particular study. Two studies with identical percent agreements can have dramatically different kappas if the distribution of subject diagnoses vary (proportion of subjects with and without disease). As a result, it is very difficult to compare kappa from one study to the next either within the same discipline or between two disciplines.

Table 8: Inter-rater agreement on diagnostic cases among polygraph examiners, physicians, and psychologists

		Polygraph Examiners	Physicians	Psychologists
Percent Agree				
	Mean	**91%**	**81%**	**88%**
	Median	91%	80%	88%
	Minimum	77%	77%	88%
	Maximum	100%	85%	88%
	Studies	8	5	1
Kappa (bi-rater)				
	Mean	**0.77**	**0.56**	**0.79**
	Median	0.80	0.60	0.79
	Minimum	0.53	0.34	0.64
	Maximum	1.00	0.72	0.91
	Studies	9	13	6
Number of Subjects				
	Mean	**102**	**150**	**174**
	Median	69	138	113
	Minimum	21	41	76
	Maximum	402	308	331
	Studies	9	14	6

Conclusion

The purpose of this study was to conduct a limited review and analysis of the literature concerning the accuracy and reliability of screening and diagnostic tests in polygraph, medicine, and psychology. Out of the 5,189 hits produced by the literature search, 1,158 articles and abstracts were reviewed, 145 were found to be useful resulting in data on 198 studies. The results of this review have shown there is an enormous range in reports of accuracy and agreement not only in polygraph but also medicine (limited to diagnostic radiology) and psychology. Overall, polygraph research on specific issue tests reports accuracy results similar to medicine. In contrast, polygraph screening studies report lower accuracy than medical studies but are similar to what is reported in the psychology literature.

To put these results into perspective, its worth reviewing several methodological issues raised almost two decades ago in the Office of Technology Assessment's (OTA) report on the "Scientific Validity of Polygraph Testing." These issues, taken directly from the Conclusion of the OTA report, are as follows:

- Accuracy is affected by factors such as reader training, experience, personal bias, and examinee characteristics
- Cases and readers are often selectively chosen rather than randomly
- Criteria for ground truth are inadequate in some studies
- There is wide variability in results from multiple studies

This review found that these same methodological deficits are very evident in the medical and psychological literature. Polemics on polygraph often correctly identify these issues but either

overstate or fail to mention that these same problems afflict much of the research in medicine and psychology.[2]

To put the results of this review in context, Table 9 contrasts the average accuracy found in field diagnostic studies with those reported in the OTA study in 1983. Since the OTA study included inconclusive results in accuracy estimates (and this study does not), it is not surprising that this current literature review reports a somewhat greater level of accuracy. As can be seen, however, the level of polygraph accuracy found by OTA is in the same "ballpark" as that reported in medicine and psychology.

Table 9: OTA findings compared to study results (field diagnostic cases)

	Average Accuracy			
Aggregate Measures	Sensitivity (TPR)	Specificity (TNR)	Combined Accuracy	Number of Studies
OTA Findings (w/Incl.)	.86	.76	.81	10
Current Polygraph Findings	.92	.83	.88	37
Medicine	.83	.88	.86	94
Psychology	.72	.67	.70	51

The findings presented in Table 9 are consistent with OTA's conclusion that research into specific issue polygraph testing has shown the technique has some validity. It does not, however, answer the question of polygraph validity in screening tests. Although not very extensive, this review reports three analog and two field screening polygraph studies. Table 10 puts these alongside what was found for medical and psychological screening. As can be seen, the mean combined accuracy of medical screening (.86) is greater than the mean reported for analog or field polygraph screening studies. Both field (.74) and analog (.79) polygraph studies

[2] For a recent example, see Aftergood, Steven. "Polygraph testing and the DOE National Laboratories." SCIENCE

are similar to psychology screening studies (.76), but the reported sensitivity of field (.59) polygraph screening is noticeably lower than the mean found for medical and psychological screening.

Table 10: Rank ordered findings for screening studies

	Average Accuracy			
Aggregate Measures	Sensitivity (TPR)	Specificity (TNR)	Combined Accuracy	Number of Studies
Medicine (Field)	.79	.94	.86	10
Current Polygraph Findings (Analog)	.76	.82	.79	3
Psychology (Field)	.74	.78	.76	36
Current Polygraph Findings (Field)	.59	.90	.74	2

Summary

There has been much debate over the past 30 years about polygraph and its accuracy, reliability, utility, and lack of theoretical foundation. It should be recognized from this literature review, however, that many of these same issues could be raised about medical and psychological diagnostic tools. Based on the results of this review, it is unlikely polygraph research will be able to reach a level of accuracy and reliability to satisfy its opponents. It suffers from the same flaws of many other diagnostic tools: it will not be 100% accurate, nor will its application from one subject to the next or by one examiner to another be invariant.

The accuracy of humans assessing humans is unlikely to be 100%. As has been shown in this brief survey of the medical and psychological literature, there is wide variation in the accuracy of diagnostic tools from one application to the next. In fact, there is often wide

variation between studies focused on one diagnostic tool, such as has been seen in past polygraph reviews. Since perfection remains elusive, some professions have learned to accept and manage this uncertainty. As an example, training, standardization, and an ongoing review of procedures are used to establish a baseline of acceptable practice and alternative mechanisms are developed and employed to help clarify equivocal test results.

Recommendations

One of the goals of this study is to compare polygraph research methodology to that used in medicine (diagnostic radiology) and psychology. The author does not claim to be an expert in all these methodologies, so what follows are general impressions from the literature review and personal experience.

1. *Room for the "Medical" Perspective*? Most research found in the medical profession uses very specific terminology (sensitivity, specificity, odds ratios) and other methodological approaches (receiver operating characteristic curves) for assessing diagnostic tests. Greater use of similar terminologies and methodological approaches in polygraph may make the results of polygraph research more meaningful to those outside the polygraph and psychology community. There may also be a reservoir of methodologies and knowledge in the health technology assessment field that could be applied to polygraph research.
2. *Greater Focus on Accuracy and Reliability?* The polygraph literature reviewed for this study occasionally delved more into providing a sophisticated analysis of process and metrics instead of clarifying how the outcomes of these factors affect accuracy and reliability. In

several cases, basic measures of accuracy or reliability were not immediately apparent (sensitivity, specificity, and kappa had to be hand calculated from frequencies in tables).

3. *Analog Generalizability?* Although analog studies are practically nonexistent in the medical and psychological literature, they appear to serve an important role in polygraph research and are very valuable in assessing the internal validity of a test. It is difficult, however, to see how analog studies are generalizable to an applied (clinical) setting. As with medical and psychological tools, its unlikely polygraph will be able to demonstrate efficacy with a heavy reliance on laboratory studies.
4. *Screening Studies?* Compared to the number of specific issue polygraph studies, there were relatively few screening studies available for review. Although developing a suitable gold standard (ground truth) for an evaluation of field polygraph screening is a very difficult problem to surmount, similar issues have been faced by medicine and psychology. Based on the medical and psychological literature, there appears to be a considerable range in the quality of gold standards. The point suggested from the literature is that lack of a "pure" gold standard has not stopped screening research in psychology and medicine.
5. *Too Many Inconclusives?* Although inconclusive test results were a common element in polygraph research, they were seldom mentioned in the medical and psychological literature. Any accuracy or reliability study which selects out only obvious interpretations will inflate accuracy estimates and threatens both the legitimacy of the research and the assessment technique.

Executive Summary

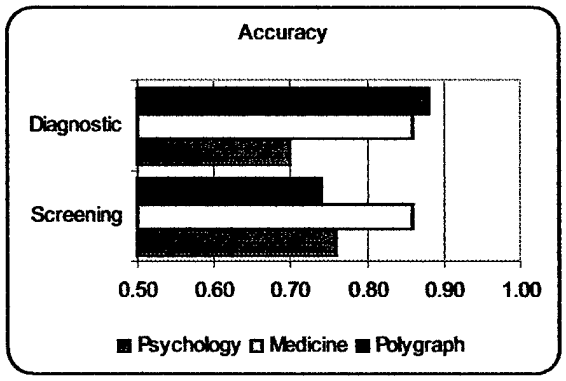
Executive Summary
A Comparative Analysis of Polygraph with other Screening and Diagnostic Tools

Method

A limited review of literature published between January 1986 and May 2001 was conducted to evaluate studies reporting the accuracy and reliability of screening and diagnostic tests in polygraph, medicine, and psychology. Data for 198 studies were collected from 145 articles. Accuracy estimates are the combined average of sensitivity and specificity across all studies found within a particular category (1.00 = 100% accuracy).

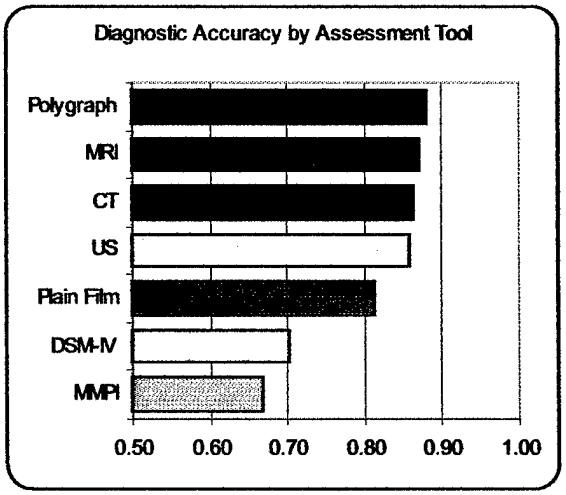
Diagnostic and Screening Accuracy

For field diagnostic assessments, the accuracy of polygraph, medical, and psychological tools was .88, .86, and .70 respectively. For field screening assessments, the accuracy of polygraph, medical, and psychological tools was .74, .86, and .76 respectively.



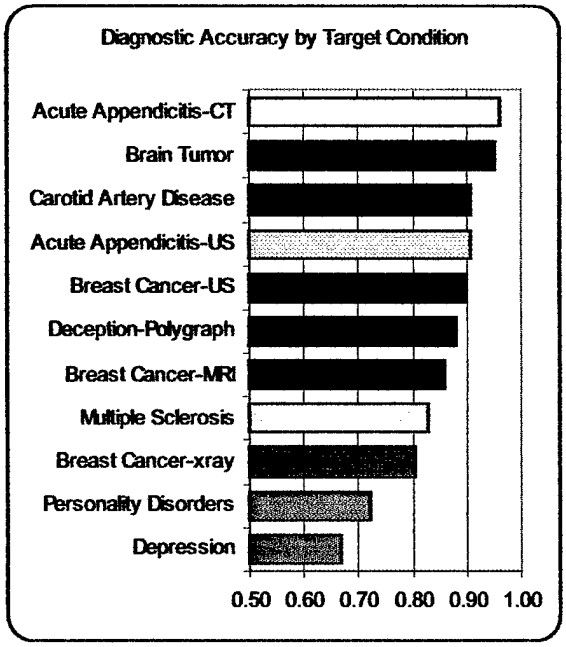
Accuracy of Various Diagnostic Tools

The average accuracy reported for 37 diagnostic polygraph studies (specific issue) was similar to MRI (17 studies), CT (19 studies), and ultrasound (38 studies). MMPI had the lowest reported accuracy (17 studies).



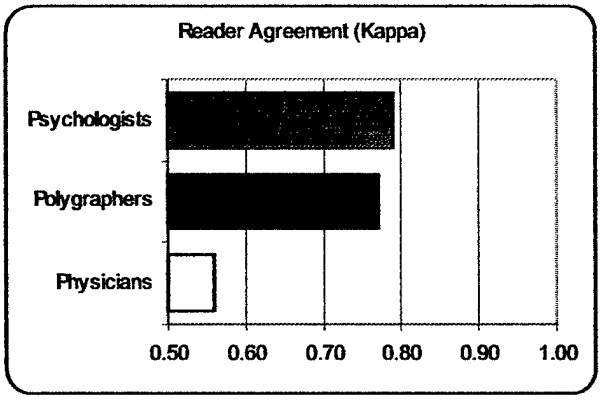
Accuracy by Target Condition

The average diagnostic accuracy for detecting deception with polygraph was similar to diagnosing breast cancer with MRI or ultrasound (US).



Agreement (kappa)

Averaging a standard measure of agreement across the reviewed literature suggests polygraph and psychology studies report similar levels of agreement. A kappa value of 1.0 represents 100% agreement beyond what would be expected by chance.



Conclusion

The level of accuracy and agreement reported in the polygraph literature is consistent with the medical and psychological literature.

Data Tables

Polygraph Studies

		Field Accuracy Studies							
		Screening				Diagnostic			
		Se	Sp	Total %	Cases	Se	Sp	Total %	Cases
	Mean	0.59	0.90	0.74	467	0.92	0.83	0.88	108
	Median	0.59	0.90	0.74	467	0.95	0.90	0.90	64
	Minimum	0.45	0.87	0.69	200	0.71	0.43	0.64	16
	Maximum	0.73	0.93	0.80	733	1	1	1	959
	Count	2	2	2	2	37	37	37	37
First Author	Year								
Jayne-screening	1989	0.45	0.93	0.69	200				
Brownlie	1997	0.73	0.87	0.80	733				
Bersh-GQT	1969					0.97	0.89	0.93	68
Bersh-GQT &ZOC majority	1969					0.71	0.80	0.76	59
Bersh-GQT and ZOC	1969					0.93	0.92	0.93	157
Bersh-ZOC	1969					0.89	0.94	0.92	89
Horvath	1971					0.85	0.91	0.88	40
Hunter	1973					0.88	0.86	0.87	20
Slowick	1975					0.85	0.93	0.89	30
Wicklander	1975					0.95	0.93	0.94	20
Barland-judicial	1976					1.00	0.43	0.72	41
Barland-panel	1976					0.98	0.45	0.72	64
Raskin-nonnumerical	1976					0.93	0.69	0.81	16
Raskin-numerical	1976					1.00	0.95	0.98	16
Horvath	1977					0.77	0.51	0.64	56
Davidson	1979					0.88	0.81	0.85	20
Yamamura & Miyake	1980					0.80	0.94	0.87	95
Edwards	1981					0.98	0.98	0.98	959
Kleinmuntz	1982					0.75	0.63	0.69	80
Putnam	1983					0.99	0.95	0.97	285
Elaad-blind	1985					0.77	0.77	0.77	60
Elaad-blind	1985					0.77	0.90	0.84	60
Eladd & Schahar	1985					0.99	0.95	0.97	174
Yankee-Experienced examiners-without incl	1985					1.00	0.99	1.00	51
Yankee-Inexperienced examiners-without incl	1985					1.00	0.99	1.00	51
Patrick	1987					1.00	0.90	0.95	81
Patrick-blind	1987					0.98	0.55	0.77	69
Honts & Driscoll-ranked scores	1988					0.94	0.65	0.80	25
Honts & Driscoll-std num scores	1988					0.97	0.77	0.87	25
Honts-blind	1988					1.00	0.80	0.90	21
Raskin	1988					0.95	0.96	0.96	85
Raskin-blind	1988					0.94	0.86	0.90	70
Franz-blind	1989					1.00	0.97	0.99	81
Matte-blind	1989					1.00	1.00	1.00	114
Murray	1989					1.00	0.86	0.93	171
Arellano-blind	1990					1.00	1.00	1.00	40
Patrick & Iacono	1991					0.97	0.56	0.77	402
Krapohl et al-specific issue	2001					0.87	0.92	0.90	221
Krapohl et al-specific issue	2001					0.84	0.97	0.91	76

Polygraph Studies

		Analog Accuracy Studies							
		Screening				Diagnostic			
		Se	Sp	Total %	Cases	Se	Sp	Total %	Cases
	Mean	0.76	0.82	0.79	50	0.89	0.78	0.84	72
	Median	0.67	0.83	0.72	40	0.92	0.79	0.85	55
	Minimum	0.61	0.63	0.65	40	0.63	0.49	0.60	15
	Maximum	1.00	1.00	1.00	71	1.00	0.97	0.98	192
	Count	3	3	3	3	18	18	18	18
First Author	Year								
Correa & Adams-preemployment	1981	1.00	1.00	1.00	40				
Ansley-screening	1989	0.61	0.83	0.72	71				
Honts	1999	0.67	0.63	0.65	40				
Barland	1975					0.83	0.71	0.77	72
Podlesny	1978					0.81	0.96	0.89	40
Raskin	1978					1.00	0.95	0.98	48
Rovner	1978					0.90	0.85	0.88	72
Dawson	1980					1.00	0.70	0.85	24
Hammond	1980					0.96	0.67	0.82	62
Bradley-electrodermal	1981					0.82	0.86	0.84	192
Bradley-heart rate	1981					0.63	0.63	0.63	192
Szecko	1981					0.71	0.49	0.60	30
Ginton	1982					1.00	0.85	0.93	15
Honts	1982					1.00	0.67	0.84	21
Honts	1982					1.00	0.67	0.84	38
Kischer	1983					0.94	0.97	0.96	100
Honts & Driscoll-ranked scores	1987					0.95	0.86	0.91	41
Honts & Driscoll-std num scores	1987					0.86	0.86	0.86	44
Barland et al-multiple issue approach	1990					0.93	0.75	0.84	100
Barland et al-single issue approach	1990					0.91	0.83	0.87	100
Blackwell-Examiners	1996					0.86	0.73	0.79	108

Polygraph Studies

		Field Agreement Studies					
		Screening			Diagnostic		
		Agree %	Kappa	Cases	Agree %	Kappa	Cases
	Mean	0.98		53	0.91	0.77	102
	Median	0.99		60	0.91	0.80	69
	Minimum	0.95		40	0.77	0.53	21
	Maximum	0.99		60	1.00	1.00	402
	Count	3	0	3	8	9	9
First Author	Year						
Edel & Moore	1984	0.95		40			
Yankee-Experienced examiners-with incl	1985	0.99		60			
Yankee-Inexperienced examiners-with incl	1985	0.99		60			
Elaad	1985				0.77	0.53	60
Elaad	1985				0.83	0.67	60
Patrick	1987				0.86	0.60	69
Honts	1988				0.90	0.81	21
Raskin	1988				0.91	0.80	70
Franz	1989				0.99	0.98	81
Matte	1989				1.00	1.00	114
Arellano	1990				1.00	1.00	40
Patrick & Iacono	1991					0.53	402

Medical Studies

			Field Accuracy Studies							
			Screening				Diagnostic			
			Se	Sp	Total %	Cases	Se	Sp	Total %	Cases
		Mean	0.79	0.94	0.86	56581	0.83	0.88	0.86	284
		Median	0.78	0.93	0.85	19758	0.85	0.93	0.88	124
		Minimum	0.51	0.87	0.76	79	0.25	0.44	0.60	23
		Maximum	0.97	1.00	0.99	202070	1.00	1.00	1.00	4811
		Count	10	10	10	10	94	94	94	89
First Author	Tech	Year								
Baines-breast cancer	Mammography	1988	0.75	0.94	0.85	44718				
Unk author-breast cancer	Mammography	1992	0.91	0.96	0.94	72706				
Burhenne-breast cancer	Mammography	1995	0.84	0.93	0.88	201937				
Beam-breast cancer	Mammography	1996	0.79	0.90	0.85	79				
Heinzen-breast cancer	Mammography	2000	0.78	0.92	0.85	202070				
Mettlin-prostate cancer	US	1991	0.77	0.89	0.83	2425				
Levi-congenital anomalies	US	1995	0.51	1.00	0.76	25046				
Strandell-endometrial pathology	US	1999	0.73	0.87	0.80	103				
Lennon-neural tube and ventral wall defects	US	1999	0.97	1.00	0.99	2257				
van Nagell-ovarian cancer	US	2000	0.81	0.99	0.90	14469				
Stark-Hepatic metastases	CT	1987					0.80	0.94	0.87	135
Shackford-minor head injuries	CT	1992					1.00	0.51	0.76	2166
Pasanen-unjaundiced cholestasis	CT	1994					0.53	0.86	0.70	33
van Gils-paraganglioma of the head/neck	CT	1994					0.73	0.94	0.84	60
Budoff-coronary artery disease	CT	1996					0.95	0.44	0.70	710
Rao- appendicitis	CT	1997					0.98	0.98	0.98	100
Mushlin-multiple sclerosis	CT	1997					0.25	0.95	0.60	303
Mushlin-brain tumor	CT	1997					0.93	1.00	0.97	303
Mushlin-cerebrovascular disease	CT	1997					0.88	0.95	0.92	303
D'Ippolito- appendicitis	CT	1998					0.91	1.00	0.96	52
Miller-acute flank pain	CT	1998					0.96	1.00	0.98	106
Vieweg- acute flank pain	CT	1998					0.98	0.98	0.98	105
Keberle- throat tumors	CT	1999					0.88	1.00	0.94	99
Lane- appendicitis	CT	1999					0.96	0.99	0.98	300
Garcia - appendicitis	CT	1999					0.94	0.94	0.94	139
Valk-colorectal cancer	CT	1999					0.69	0.96	0.83	115
Kurtz-ovarian cancer	CT	1999					0.92	0.89	0.91	213
Walker- appendicitis	CT	2000					0.94	1.00	0.97	65
Joseph-open-globe injuries	CT	2000					0.75	0.93	0.84	200
von Kummer-stroke damage	CT	2001					0.64	0.85	0.75	786
Stafford-blunt abdominal trauma	CT no contrast	1999					0.89	0.57	0.73	195
Stafford-blunt abdominal trauma	CT with contrast	1999					0.84	0.94	0.89	199
Martelli-breast cancer	Mammography	1990					0.73	0.80	0.77	1708
Elmore-breast cancer	Mammography	1994					0.70	0.94	0.82	150
Cwikla-breast cancer	Mammography	1998					0.70	0.57	0.64	70
Fenlon-breast cancer	Mammography	1998					0.81	0.82	0.82	44
Drew-breast cancer	Mammography	1999					0.88	0.89	0.88	285
Zonderland-breast cancer	Mammography	1999					0.83	0.97	0.90	4811
Moss-breast cancer	Mammography	1999					0.79	0.83	0.81	559
Stark-Hepatic metastases	MR	1987					0.82	0.99	0.91	135
Barronian-imaging of the knee	MR	1989					0.67	0.86	0.77	23
Glashow-anterior cruciate and meniscal lesions	MR	1989					0.83	0.84	0.84	47
Mooney-multiple sclerosis	MR	1990					0.88	0.94	0.91	
Mooney-brain infarct	MR	1990					0.88	1.00	0.94	
Mooney-brain tumor	MR	1990					0.93	0.95	0.94	
Mooney-other brain disease	MR	1990					0.91	0.92	0.92	
Young-carotid artery stenosis	MR	1994					0.89	0.82	0.86	70
Levine-osteomyelitis	MR	1994					0.77	1.00	0.89	26
Ascher-Endometriosis	MR	1995					0.76	0.60	0.68	31
Mussurakis-breast cancer	MR	1996					0.99	0.56	0.78	57
Mushlin-multiple sclerosis	MR	1997					0.58	0.91	0.75	303
Mushlin-brain tumor	MR	1997					0.93	1.00	0.97	303
Mushlin-cerebrovascular disease	MR	1997					1.00	1.00	1.00	303
Regan-acute cholecystitis	MR	1998					0.91	0.79	0.85	72
Kurtz-ovarian cancer	MR	1999					0.98	0.88	0.93	280
Drew-breast lesions	MR	1999					0.99	0.91	0.95	285
Blanchard-rotator cuff tears	MR	1999					0.79	0.81	0.80	38
Razumovsky-acute cerebral ischemia	MR	1999					0.84	1.00	0.92	30
Adamek-pancreatic cancer	MR	2000					0.84	0.97	0.91	124
Schroter-Creutzfeldt-Jakob disease	MR	2000					0.67	0.93	0.80	220
Imbriaco- breast masses	MR	2001					0.96	0.75	0.86	49
Scott-orthopedic fractures	PLAIN FILM	1993					0.79	0.83	0.81	60

Medical Studies

	Analog Accuracy Studies							
	Screening				Diagnostic			
	Se	Sp	Total %	Cases	Se	Sp	Total %	Cases
Mean					0.81	0.73	0.77	92
Median					0.81	0.73	0.77	92
Minimum					0.79	0.59	0.71	80
Maximum					0.83	0.86	0.83	104
Count	0	0	0	0	2	2	2	2

First Author	Tech	Year					
Hill-foreign bodies in human tissue	US	1997			0.83	0.59	0.71	80
Orlinsky-radiolucent foreign body	US	2000			0.79	0.86	0.83	104

Medical Studies

	Field Agreement Studies					
	Screening			Diagnostic		
	Agree %	Kappa	Cases	Agree %	Kappa	Cases
Mean				0.81	0.56	150
Median				0.80	0.60	138
Minimum				0.77	0.34	41
Maximum				0.85	0.72	308
Count	0	0	0	5	13	14

First Author	Tech	Year				
Freed-ureteral stone disease	CT	1998			0.69	103
Grotta-stroke	CT	1999		0.77	0.39	70
Weishaupt -osteoarthritis	CT	1999			0.60	308
Kurtz-ovarian cancer	CT	1999			0.65	213
Elmore-breast cancer	Mammography	1994		0.78	0.47	150
Baker-breast cancer	Mammography	1996			0.34	60
Brant-Zawadzk-lumbar disc abnormalities	MR	1995		0.80	0.58	125
Mussurakis-breast cancer	MR	1996			0.42	57
Weishaupt-osteoarthritis	MR	1999			0.41	308
Kurtz-ovarian cancer	MR	1999			0.70	179
Masdeu-head trauma	SPECT	1994		0.83	0.72	41
Wong-early pregnancy complications	US	1998		0.85		151
Kurtz-ovarian cancer	US	1999			0.66	264
Ihlberg-vein grafts	US	2000			0.69	69

Psychology Studies

		Field Accuracy Studies							
		Screening				Diagnostic			
		Se	Sp	Total %	Cases	Se	Sp	Total %	Cases
	Mean	0.74	0.78	0.76	996	0.72	0.67	0.70	218
	Median	0.79	0.85	0.78	307	0.71	0.65	0.69	84
	Minimum	0.11	0.00	0.42	55	0.37	0.41	0.50	29
	Maximum	1.00	1.00	0.98	16235	0.96	0.95	0.93	1079
	Count	36	36	36	36	51	51	51	51
First Author	Year								
Bradley-alcohol screening	1998	0.80	0.86	0.83	771				
Bradley-alcohol screening	1998	0.78	0.89	0.83	771				
Brooks-neuropsychological screening	1990	0.80	1.00	0.90	175				
Glascoe-developmental screening	1993	0.72	0.76	0.74	89				
Steer-major depression	1999	0.97	0.99	0.98	120				
Bradley-alcohol screening	1998	0.52	0.85	0.69	771				
Bradley-alcohol screening	1998	0.35	0.98	0.66	771				
Dent-memory problems in multiple sclerosis	2000	0.93	0.48	0.71	61				
Bradley-alcohol screening	1998	0.91	0.77	0.84	771				
Bradley-alcohol screening	1998	0.75	0.89	0.82	771				
Parikh-post-stroke depression	1988	0.86	0.90	0.88	80				
Baird-autism at 18 months of age	2000	0.38	0.98	0.68	16235				
Chen-attention-deficit hyperactivity	1994	0.23	1.00	0.62	122				
Scheinberg-eating disorders	1993	0.93	0.41	0.67	1112				
Scheinberg-eating disorders	1993	1.00	0.38	0.69	1112				
Gureje	1990	0.68	0.70	0.69	787				
Pomeroy-depression	2001	0.91	0.65	0.78	87				
Razavi-adjustment and major depressive disorders	1990	0.70	0.75	0.73	210				
Inwald-performance of government security personnel	1991	0.60	0.76	0.68	307				
Johnson-pathological gamblers	1998	1.00	0.85	0.93	423				
Benussi-alcoholism	1982	1.00	0.94	0.97	104				
Yersin-alcoholism	1989	0.70	0.92	0.81	268				
Erford-Math Essential skills screen	1998	0.98	0.88	0.93	100				
Uhlmann-dementia	1991	0.81	0.97	0.89	209				
Inwald-performance of government security personnel	1991	0.45	0.73	0.59	307				
Colligan-alcoholism	1988	0.74	0.84	0.79	2144				
Colligan-alcoholism	1988	1.00	0.00	0.50	2144				
Colligan-alcoholism	1988	0.62	0.34	0.48	2144				
Hirschfeld-bipolar spectrum disorder	2000	0.73	0.90	0.82	198				
Sherman-Pediatric Language Acquisition	1999	0.11	0.73	0.42	84				
Hiatt-job performance problems	1988	0.68	0.73	0.70	55				
de las Cuevas-Severity of Dependence Scale (SDS)	2000	0.98	0.94	0.96	100				
Birtchnell-depressive disorders	1989	0.94	0.86	0.90	133				
Bradley-alcohol screening	1998	0.48	0.86	0.67	771				
Bradley-alcohol screening	1998	0.91	0.72	0.82	771				
Bradley-alcohol screening	1998	0.82	0.85	0.83	771				
Berument-Autism	1999					0.85	0.75	0.80	200
Kogan-Geriatric Depression Scale	1994					0.64	0.73	0.69	59
Laprise- Geriatric Depression	1998					0.96	0.46	0.71	66
Blais-FRANTIC AVOIDANCE	1999					0.63	0.95	0.79	76
Blais-UNSTABLE RELATIONSHIPS	1999					0.94	0.91	0.93	76
Blais-IDENTITY DISTURBANCE	1999					0.73	0.84	0.79	76
Blais-IMPULSIVITY	1999					0.55	0.70	0.63	76
Blais-SUICIDAL	1999					0.96	0.41	0.69	76
Blais-AFFECTIVE INSTABILITY	1999					0.91	0.42	0.67	76
Blais-CHRONIC EMPTINESS	1999					0.52	0.79	0.66	76
Blais-POORLY CONTROLLED ANGER	1999					0.73	0.53	0.63	76
Blais-STRESS-RELATED PARANOIA	1999					0.51	0.60	0.56	76
Kogan-Geriatric Depression Scale	1994					0.79	0.69	0.74	59
Laprise-Geriatric Depression	1998					0.89	0.56	0.73	66
Merson-personality disorders	1994					0.95	0.50	0.73	29
Ivnick-MAYO VERBAL COMPREHENSION FACTOR S	2000					0.55	0.85	0.70	1079
Chaffee-expressive and receptive language scales	1990					0.88	0.45	0.67	152
Ivnick- ATTENTION-CONCENTRATION SCORE	2000					0.71	0.70	0.71	1079
Ivnick-LEARNING FACTOR SCORE	2000					0.77	0.84	0.81	1079
Ivnick-PERCEPTUAL ORGANIZATION SCORE	2000					0.70	0.83	0.77	1079
Ivnick- RETENTION SCORE	2000					0.88	0.80	0.84	1079
BOONE 1994-depression	1994					0.61	0.62	0.62	62
WETZLER 1998-depression	1998					0.64	0.65	0.65	113
BEN-PORATH 1991-depression	1991					0.66	0.64	0.65	73
BEN-PORATH 1991-depression	1991					0.63	0.61	0.62	87
MUNLEY 1997-depression	1997					0.71	0.71	0.71	84
GREENBLATT 1999-depression	1999					0.54	0.56	0.55	75

Psychology Studies

		Field Agreement Studies					
		Screening			Diagnostic		
		Agree %	Kappa	Cases	Agree %	Kappa	Cases
	Mean		0.61	510	0.88	0.79	174
	Median		0.61	510	0.88	0.79	113
	Minimum		0.61	510	0.88	0.64	76
	Maximum		0.61	510	0.88	0.91	331
	Count	0	1	1	1	6	6
First Author	Year						
Lavigne- DSM-III--R with preschool children	1994		0.61	510			
Klin-autism	2000				0.88	0.71	131
DSM-III Phase Two Field Trials	1980					0.72	331
DSM-III Phase Two Field Trials	1980					0.64	331
Blais-NINE SCALE PERSONALITY DISORDER	1999					0.85	76
Hogervors-Alzheimer's disease	2000					0.90	82
Hilsenroth-Schizophrenia	1998					0.91	95

Articles Used

Articles Used-Polygraph

Aftergood, Steven. "Polygraph testing and the DOE National Laboratories." SCIENCE Online. Vol 290 (5493), Nov 3, 2000: 939-940.

Ansley, Norman. 1989. Accuracy and utility of RI screening by student examiners at DODPI. Polygraph and Personnel Security Research. Office of Security. National Security Agency. Fort George G. Meade, MD.

Ansley, Norman. 1990. "The validity and reliability of polygraph decisions in real cases. Polygraph 19(3): 169-181. (Table 2, pg 174)

Barland, Gordon H. Charles R. Honts, and Steven D. Barger. 1990. The detection of deception for multiple issues. DoDPI Project No. DoDPI89-P-0005.

Blackwell, Joan N. 1996. Polyscore: A comparison of accuracy. DoDPI Report no: DoDPI94-P-0006.

Brownlie C, Johnson GJ, and B. Knill. 1997. "Validation study of the relevant/irrelevant screening format" Unpublished report from government project. Provided by DoDPI.

Correa, Eileen Israel and Henry E. Adams. 1981. The validity of the preemployment polygraph examination and the effects of motivation. Polygraph. 143-155.

Edel, Eugene and Lane A. Moore Jr.1984. "Analysis of Agreement in polygraph charts. Polygraph 193-197. (Table II).

Honts CR and S. Amato. 1999. "The automated polygraph examination." Contract No. 110224-1998-MO.

Honts, Charles R and Lawrence N. Driscoll. 1987."An evaluation of the reliability and validity of rank order and standard numerical scoring of polygraph charts. Polygraph 241-255.

Honts, Charles R and Lawrence N. Driscoll. 1988. "A field validity study of the rank order scoring system (ROSS) in multiple issue control question tests." Polygraph 1-13

Jayne, Brian C. 1989. A comparison between the predictive value of two common preemployment screening procedures. The Investigator 5(3)

Krapohl, Donald J, Donnie W. Dutton, and Andrew H. Ryan. 2001. The Rank Order Scoring System: Replication and extension with field data. Forthcoming Polygraph 2001.

Krapohl, Donald J, Kendall W. Shull, and Andrew A. Ryan. 2000. Does the confession criterion in case selection inflate polygraph validity estimates? Paper submitted to the Forensic Science Communications, November 8, 2000. Polygraph Institute, Ft. Jackson SC.

Lykken, D.T. 1983. A tremor in the blood: Uses and abuses of the lie detector. New York: McGraw-Hill.

McCauley, Clark and Robert F. Forman. 1988. "A review of the Office of Technology Assessment report on polygraph validity." Basic and Applied Social Psychology 9(2): 73-84.

Patrick, C.J. and W.G. Iacono. 1991. "Validity of the control question polygraph test: The problem of sampling bias." Journal of Applied Psychology 76(2): 229-238.)

Scientific validity of polygraph testing: A research review and evaluation. Office of Technology Assessment. U.S. Congress: Report No. OTATMH15, November 1983.

Yankee, William J, James M. Powell, and Ross Newland. 1985. An investigation of the accuracy and consistency of polygraph chart interpretation by inexperienced and experienced examiners. Polygraph 14(2):108-117.

Articles Used-Medical

Adamek HE, Albert J, Breer H, Weitz M, Schilling D, Riemann JF. Pancreatic cancer detection with magnetic resonance cholangiopancreatography and endoscopic retrograde cholangiopancreatography: a prospective controlled study. Lancet 2000 Jul 15;356(9225):190-3

Ascher SM, Agrawal R, Bis KG, Brown ED, Maximovich A, Markham SM, Patt RH, Semelka RC. Endometriosis: appearance and detection with conventional and contrast-enhanced fat-suppressed spin-echo techniques. J Magn Reson Imaging 1995 May-Jun;5(3):251-7

Author unk; Specificity of screening in United Kingdom trial of early detection of breast cancer. BMJ 1992 Feb 8;304(6823):346-9

Ayers M, Prince M, Ahmadi S, Baran DT. Reconciling quantitative ultrasound of the calcaneus with X-ray-based measurements of the central skeleton. J Bone Miner Res 2000 Sep;15(9):1850-5

Baines CJ, McFarlane DV, Miller AB. Sensitivity and specificity of first screen mammography in 15 NBSS centres. Can Assoc Radiol J 1988 Dec;39(4):273-6

Baker JA, Kornguth PH, Lo JY, Floyd CE. 1996. Artificial neural network: Improving the quality of breast biopsy recommendations. Radiology 198:131-135.

Barronian AD, Zoltan JD, Bucon KA. Magnetic resonance imaging of the knee: correlation with arthroscopy. Arthroscopy 1989;5(3):187-91

Beam CA, Layde PM, Sullivan DC. 1996. Variability in the interpretation of screening mammograms by US radiologists. Arch Intern Med 156: 209-213

Belsky M, Gaitini D, Goldsher D, Hoffman A, Daitzchman M. Color-coded duplex ultrasound compared to CT angiography for detection and quantification of carotid artery stenosis. Eur J Ultrasound 2000 Sep;12(1):49-60

Blanchard TK, Bearcroft PW, Constant CR, Griffin DR, Dixon AK. Diagnostic and therapeutic impact of MRI and arthrography in the investigation of full-thickness rotator cuff tears. Eur Radiol 1999;9(4):638-42

Bozkurt T, Richter F, Lux G. Ultrasonography as a primary diagnostic tool in patients with inflammatory disease and tumors of the small intestine and large bowel. J Clin Ultrasound 1994 Feb;22(2):85-91

Braccini G, Lamacchia M, Boraschi P, Bertellotti L, Marrucci A, Goletti O, Perri G. Ultrasound versus plain film in the detection of pneumoperitoneum. Abdom Imaging 1996 Sep-Oct;21(5):404-12

Brant-Zawadzki MN, Jensen MC, Obuchowski N, Ross JS, Modic MT. Interobserver and intraobserver variability in interpretation of lumbar disc abnormalities. A comparison of two nomenclatures. Spine 1995 Jun 1;20(11):1257-63

Britton PD, Coulden RA. The use of duplex Doppler ultrasound in the diagnosis of breast cancer. Clin Radiol 1990 Dec;42(6):399-401

Budoff MJ, Georgiou D, Brody A, Agatston AS, Kennedy J, Wolfkiel C, Stanford W, Shields P, Lewis RJ, Janowitz WR, Rich S, Brundage BH. Ultrafast computed tomography as a diagnostic modality in the detection of coronary artery disease: a multicenter study. Circulation 1996 Mar 1;93(5):898-904

Burhenne LJ, Burhenne HJ, Kan L. 1995. Quality-oriented mass mammography screening. Radiology 194:185-188.

Cicinelli E, Romano F, Anastasio PS, Blasi N, Parisi C, Galantino P. Transabdominal sonohysterography, transvaginal sonography, and hysteroscopy in the evaluation of submucous myomas. Obstet Gynecol 1995 Jan;85(1):42-7

Currie IC, Jones AJ, Wakeley CJ, Tennant WG, Wilson YG, Baird RN, Lamont PM. Non-invasive aortoiliac assessment. Eur J Vasc Endovasc Surg 1995 Jan;9(1):24-8

Cwikla JB, Buscombe JR, Kelleher SM, Parbhoo SP, Thakrar DS, Hinton J, Deery AR, Crow J, Hilson AJ. Comparison of accuracy of scintimammography and X-ray mammography in the diagnosis of primary breast cancer in patients selected for surgical biopsy. Clin Radiol 1998 Apr;53(4):274-80

DePriest PD, Varner E, Powell J, Fried A, Puls L, Higgins R, Shenson D, Kryscio R, Hunter JE, Andrews SJ, et al.The efficacy of a sonographic morphology index in identifying ovarian cancer: a multi-institutional investigation. Gynecol Oncol 1994 Nov;55(2):174-8

D'Ippolito G, de Mello GG, Szejnfeld J. The value of unenhanced CT in the diagnosis of acute appendicitis. Rev Paul Med 1998 Nov-Dec;116(6):1838-45

Drew PJ, Turnbull LW, Chatterjee S, Read J, Carleton PJ, Fox JN, Monson JR, Kerin MJ. Prospective comparison of standard triple assessment and dynamic magnetic resonance imaging of the breast for the evaluation of symptomatic breast lesions. Ann Surg 1999 Nov;230(5):680-5

Elmore JG, Wells CK, Lee CH, Howard DH, Feinstein AR. 1994. Variability in Radiologist's Interpretations of Mammograms. NEJM. 331(22): 1493-1499.

Fenlon HM, Phelan N, Tierney S, Gorey T, Ennis JT. Tc-99m tetrofosmin scintigraphy as an adjunct to plain-film mammography in palpable breast lesions. Clin Radiol 1998 Jan;53(1):17-24

Freed KS, Paulson EK, Frederick MG, Preminger GM, Shusterman DJ, Keogan MT, Vieweg J, Smith RH, Nelson RC, Delong DM, Leder RA. Interobserver variability in the interpretation of

unenhanced helical CT for the diagnosis of ureteral stone disease. J Comput Assist Tomogr 1998 Sep-Oct;22(5):732-7

Garcia Pena BM, Mandl KD, Kraus SJ, Fischer AC, Fleisher GR, Lund DP, Taylor GA. Ultrasonography and limited computed tomography in the diagnosis and management of appendicitis in children. JAMA 1999 Sep 15;282(11):1041-6

Gebel M, Caselitz M, Bowen-Davies PE, Weber S.A multicenter, prospective, open label, randomized, controlled phase IIIb study of SH U 508 a (Levovist) for Doppler signal enhancement in the portal vascular system. Ultraschall Med 1998 Aug;19(4):148-56

Gentile AT, Moneta GL, Lee RW, Masser PA, Taylor LM Jr, Porter JM. Usefulness of fasting and postprandial duplex ultrasound examinations for predicting high-grade superior mesenteric artery stenosis. Am J Surg 1995 May;169(5):476-9

Glashow JL, Katz R, Schneider M, Scott WN. Double-blind assessment of the value of magnetic resonance imaging in the diagnosis of anterior cruciate and meniscal lesions. J Bone Joint Surg Am 1989 Jan;71(1):113-9

Grab D, Flock F, Stohr I, Nussle K, Rieber A, Fenchel S, Brambs HJ, Reske SN, Kreienberg R. Classification of asymptomatic adnexal masses by ultrasound, magnetic resonance imaging, and positron emission tomography. Gynecol Oncol 2000 Jun;77(3):454-9

Grotta JC, Chiu D, Lu M, Patel S, Levine SR, Tilley BC, Brott TG, Haley EC Jr, Lyden PD, Kothari R, Frankel M, Lewandowski CA, Libman R, Kwiatkowski T, Broderick JP, Marler JR, Corrigan J, Huff S, Mitsias P, Talati S, Tanne D. Agreement and variability in the interpretation of early CT changes in stroke patients qualifying for intravenous rtPA therapy. Stroke 1999 Aug;30(8):1528-33

Hedges, Larry V.; Hasselblad, Vic. Meta-analysis of screening and diagnostic tests. Psychological Bulletin. 1995 Jan Vol 117(1) 167-178

Heinzen MT, Yankaskas BC, Kwok RK. Comparison of woman-specific versus breast-specific data for reporting screening mammography performance. Acad Radiol 2000 Apr;7(4):232-6

Hill R, Conron R, Greissinger P, Heller M. Ultrasound for the detection of foreign bodies in human tissue. Ann Emerg Med 1997 Mar;29(3):353-6

Ihlberg L, Alback A, Roth WD, Edgren J, Lepantalo M. Interobserver agreement in duplex scanning for vein grafts. Eur J Vasc Endovasc Surg 2000 May;19(5):504-8

Imbriaco M, Del Vecchio S, Riccardi A, Pace L, Di Salle F, Di Gennaro F, Salvatore M, Sodano A. Scintimammography with 99mTc-MIBI versus dynamic MRI for non-invasive characterization of breast masses. Eur J Nucl Med 2001 Jan;28(1):56-63

Johansson M, Jensen G, Aurell M, Friberg P, Herlitz H, Klingenstierna H, Volkmann R. Evaluation of duplex ultrasound and captopril renography for detection of renovascular hypertension. Kidney Int 2000 Aug;58(2):774-82

Johnson MB, Wilkinson ID, Wattam J, Venables GS, Griffiths PD. Comparison of Doppler ultrasound, magnetic resonance angiographic techniques and catheter angiography in evaluation of carotid stenosis. Clin Radiol 2000 Dec;55(12):912-20

Joseph DP, Pieramici DJ, Beauchamp NJ Jr. Computed tomography in the diagnosis and prognosis of open-globe injuries. Ophthalmology 2000 Oct;107(10):1899-906

Keberle M, Kenn W, Tschammler A, Wittenberg G, Hilgarth M, Hoppe F, Hahn D. Current value of double-contrast pharyngography and of computed tomography for the detection and for staging of hypopharyngeal, oropharyngeal and supraglottic tumors. Eur Radiol 1999;9(9):1843-50

Kurtz AB, Tsimikas JV, Tempany CM, Hamper UM, Arger PH, Bree RL, Wechsler RJ, Francis IR, Kuhlman JE, Siegelman ES, Mitchell DG, Silverman SG, Brown DL, Sheth S, Coleman BG, Ellis JH, Kurman RJ, Caudry DJ, McNeil BJ.Diagnosis and staging of ovarian cancer: comparative values of Doppler and conventional US, CT, and MR imaging correlated with surgery and histopathologic analysis--report of the Radiology Diagnostic Oncology Group. : Radiology 1999 Jul;212(1):19-27

Lane MJ, Liu DM, Huynh MD, Jeffrey RB Jr, Mindelzun RE, Katz DS. Suspected acute appendicitis: nonenhanced helical CT in 300 consecutive patients. Radiology 1999 Nov;213(2):341-6

Lennon CA, Gray DL. Sensitivity and specificity of ultrasound for the detection of neural tube and ventral wall defects in a high-risk population. Obstet Gynecol 1999 Oct;94(4):562-6

Levi S, Schaaps JP, De Havay P, Coulon R, Defoort P. End-result of routine ultrasound screening for congenital anomalies: the Belgian Multicentric Study 1984-92. Ultrasound Obstet Gynecol 1995 Jun;5(6):366-71

Levine SE, Neagle CE, Esterhai JL, Wright DG, Dalinka MK. Magnetic resonance imaging for the diagnosis of osteomyelitis in the diabetic patient with a foot ulcer. Foot Ankle Int 1994 Mar;15(3):151-6

Lindsell DR. Ultrasound imaging of pancreas and biliary tract. Lancet 1990 Feb 17;335(8686):390-3

Ma OJ, Mateer JR. Trauma ultrasound examination versus chest radiography in the detection of hemothorax. Ann Emerg Med 1997 Mar;29(3):312-5

Maggino T, Gadducci A, D'Addario V, Pecorelli S, Lissoni A, Stella M, Romagnolo C, Federghini M, Zucca S, Trio D, et al. Prospective multicenter study on CA 125 in postmenopausal pelvic masses. Gynecol Oncol 1994 Aug;54(2):117-23

Martelli G, Pilotti S, Coopmans de Yoldi G, Viganotti G, Fariselli G, Lepera P, Moglia D. Diagnostic efficacy of physical examination, mammography, fine needle aspiration cytology (triple-test) in solid breast lumps: an analysis of 1708 consecutive cases. Tumori 1990 Oct 31;76(5):476-9

Masdeu JC, Van Heertum RL, Kleiman A, Anselmi G, Kissane K, Horng J, Yudd A, Luck D, Grundman M. Early single-photon emission computed tomography in mild head trauma. A controlled study. J Neuroimaging 1994 Oct;4(4):177-81

Mettlin C, Lee F, Drago J, Murphy GP. The American Cancer Society National Prostate Cancer Detection Project. Findings on the detection of early prostate cancer in 2425 men. Cancer 1991 Jun 15;67(12):2949-58

Miller OF, Rineer SK, Reichard SR, Buckley RG, Donovan MS, Graham IR, Goff WB, Kane CJ. Prospective comparison of unenhanced spiral computed tomography and intravenous urogram in the evaluation of acute flank pain. : Urology 1998 Dec;52(6):982-7

Mooney C, Mushlin AI, Phelps CE. 1990. Targeting assessments of magnetic resonance imaging in suspected multiple sclerosis. Med Decis Making 10:77-94.

Moss HA, Britton PD, Flower CD, Freeman AH, Lomas DJ, Warren RM. How reliable is modern breast imaging in differentiating benign from malignant breast lesions in the symptomatic population? Clin Radiol 1999 Oct;54(10):676-82

Mushlin AI, Mooney C, Holloway RG, Detsky AS, Mattson DH, Phelps CE. 1997. The cost-effectiveness of magnetic resonance imaging for patients with equivocal neurological symptons. International Journal of Technology Assessment in Health Care 13(1):21-34.

Mussurakis S, Buckley DL, Coady AM, Turnbull LW, Horsman A.Observer variability in the interpretation of contrast enhanced MRI of the breast. Br J Radiol 1996 Nov;69(827):1009-16

Nozoe T, Matsumata T, Sugimachi K. Usefulness of preoperative transvaginal ultrasonography for women with advanced gastric carcinoma. Am J Gastroenterol 1999 Sep;94(9):2509-12

Orlinsky M, Knittel P, Feit T, Chan L, Mandavia D. The comparative accuracy of radiolucent foreign body detection using ultrasonography. Am J Emerg Med 2000 Jul;18(4):401-3

Pasanen PA, Partanen K, Pikkarainen P, Alhava E, Pirinen A, Janatuinen E. A prospective study on the value of ultrasound, computed tomography and endoscopic retrograde cholangiopancreatography in the diagnosis of unjaundiced cholestasis. In Vivo 1994 Mar-Apr;8(2):227-30

Perre CI, Koot VC, de Hooge P, Leguit P. The value of ultrasound in the evaluation of palpable breast tumours: a prospective study of 400 cases. Eur J Surg Oncol 1994 Dec;20(6):637-40

Rao PM, Rhea JT, Novelline RA, Mostafavi AA, Lawrason JN, McCabe CJ. Helical CT combined with contrast material administered only through the colon for imaging of suspected appendicitis. AJR Am J Roentgenol 1997 Nov;169(5):1275-80

Razumovsky AY, Gillard JH, Bryan RN, Hanley DF, Oppenheimer SM. TCD, MRA and MRI in acute cerebral ischemia. Acta Neurol Scand 1999 Jan;99(1):65-76

Regan F, Schaefer DC, Smith DP, Petronis JD, Bohlman ME, Magnuson TH. The diagnostic utility of HASTE MRI in the evaluation of acute cholecystitis. Half-Fourier acquisition single-shot turbo SE. J Comput Assist Tomogr 1998 Jul-Aug;22(4):638-42

Robertson PL, Berlangieri SU, Goergen SK, Waugh JR, Kalff V, Stevens SN, Hicks RJ, Fabiny RP, Ugoni A, Kelly MJ. Comparison of ultrasound and blood pool scintigraphy in the diagnosis of lower limb deep venous thrombosis. Clin Radiol 1994 Jun;49(6):382-90

Rosen CL, Brown DF, Sagarin MJ, Chang Y, McCabe CJ, Wolfe RE. Ultrasonography by emergency physicians in patients with suspected ureteral colic. J Emerg Med 1998 Nov-Dec;16(6):865-70

Rozycki GS, Ballard RB, Feliciano DV, Schmidt JA, Pennington SD. Surgeon-performed ultrasound for the assessment of truncal injuries: lessons learned from 1540 patients. Ann Surg 1998 Oct;228(4):557-67

Saidi MH, Sadler RK, Theis VD, Akright BD, Farhart SA, Villanueva GR. Comparison of sonography, sonohysterography, and hysteroscopy for evaluation of abnormal uterine bleeding. J Ultrasound Med 1997 Sep;16(9):587-91

Schroter A, Zerr I, Henkel K, Tschampa HJ, Finkenstaedt M, Poser S. Magnetic resonance imaging in the clinical diagnosis of Creutzfeldt-Jakob disease. Arch Neurol 2000 Dec;57(12):1751-7

Schwerk WB, Wichtrup B, Rothmund M, Ruschoff J. Ultrasonography in the diagnosis of acute appendicitis: a prospective study. Gastroenterology 1989 Sep;97(3):630-9

Scott WW Jr, Rosenbaum JE, Ackerman SJ, Reichle RL, Magid D, Weller JC, Gitlin JN. Subtle orthopedic fractures: teleradiology workstation versus film interpretation. Radiology 1993 Jun;187(3):811-5

Shackford SR, Wald SL, Ross SE, Cogbill TH, Hoyt DB, Morris JA, Mucha PA, Pachter HL, Sugerman HJ, O'Malley K, et al. The clinical utility of computed tomographic scanning and neurologic examination in the management of patients with minor head injuries. J Trauma 1992 Sep;33(3):385-94

Simonovsky V. The diagnosis of cirrhosis by high resolution ultrasound of the liver surface. Br J Radiol 1999 Jan;72(853):29-34

Srinivasan J, Mayberg MR, Weiss DG, Eskridge J. Duplex accuracy compared with angiography in the Veterans Affairs Cooperative Studies Trial for Symptomatic Carotid Stenosis. Neurosurgery 1995 Apr;36(4):648-53

Stafford RE, McGonigal MD, Weigelt JA, Johnson TJ. Oral contrast solution and computed tomography for blunt abdominal trauma: a randomized study. Arch Surg 1999 Jun;134(6):622-6

Stark DD, Wittenberg J, Butch RJ, Ferrucci JT Jr. Hepatic metastases: randomized, controlled comparison of detection with MR imaging and CT. Radiology 1987 Nov;165(2):399-406

Strandell A, Bourne T, Bergh C, Granberg S, Asztely M, Thorburn J. The assessment of endometrial pathology and tubal patency: a comparison between the use of ultrasonography and X-ray hysterosalpingography for the investigation of infertility patients. Ultrasound Obstet Gynecol 1999 Sep;14(3):200-4

Thomas B, Falcone RE, Vasquez D, Santanello S, Townsend M, Hockenberry S, Innes J, Wanamaker S. Ultrasound evaluation of blunt abdominal trauma: program implementation, initial experience, and learning curve. J Trauma 1997 Mar;42(3):384-8; discussion 388-90

Thourani VH, Pettitt BJ, Schmidt JA, Cooper WA, Rozycki GS. Validation of surgeon-performed emergency abdominal ultrasonography in pediatric trauma patients. J Pediatr Surg 1998 Feb;33(2):322-8

Tsuda H, Kawabata M, Kawabata K, Yamamoto K, Hidaka A, Umesaki N. Comparison between transabdominal and transvaginal ultrasonography for identifying endometrial malignancies. Gynecol Obstet Invest 1995;40(4):271-3

Valk PE, Abella-Columna E, Haseman MK, Pounds TR, Tesar RD, Myers RW, Greiss HB, Hofer GA. Whole-body PET imaging with [18F]fluorodeoxyglucose in management of recurrent colorectal cancer. Arch Surg 1999 May;134(5):503-11

van Gils AP, van den Berg R, Falke TH, Bloem JL, Prins HJ, Dillon EH, van der Mey AG, Pauwels EK. MR diagnosis of paraganglioma of the head and neck: value of contrast enhancement. AJR Am J Roentgenol 1994 Jan;162(1):147-53

van Nagell JR Jr, DePriest PD, Reedy MB, Gallion HH, Ueland FR, Pavlik EJ, Kryscio RJ. The efficacy of transvaginal sonographic screening in asymptomatic women at risk for ovarian cancer. Gynecol Oncol 2000 Jun;77(3):350-6

Vieweg J, Teh C, Freed K, Leder RA, Smith RH, Nelson RH, Preminger GM. Unenhanced helical computerized tomography for the evaluation of patients with acute flank pain. J Urol 1998 Sep;160(3 Pt 1):679-84

von Kummer R, Bourquain H, Bastianello S, Bozzao L, Manelfe C, Meier D, Hacke W. Early prediction of irreversible brain damage after ischemic stroke at CT Radiology 2001 Apr;219(1):95-100

Walker S, Haun W, Clark J, McMillin K, Zeren F, Gilliland T. The value of limited computed tomography with rectal contrast in the diagnosis of acute appendicitis. Am J Surg 2000 Dec;180(6):450-4; discussion 454-5

Weishaupt D, Zanetti M, Boos N, Hodler J. MR imaging and CT in osteoarthritis of the lumbar facet joints. Skeletal Radiol 1999 Apr;28(4):215-9

Wong TW, Lau CC, Yeung A, Lo L, Tai CM. Efficacy of transabdominal ultrasound examination in the diagnosis of early pregnancy complications in an emergency department. J Accid Emerg Med 1998 May;15(3):155-8

Young GR, Humphrey PR, Shaw MD, Nixon TE, Smith ET. Comparison of magnetic resonance angiography, duplex ultrasound, and digital subtraction angiography in assessment of extracranial internal carotid artery stenosis. : J Neurol Neurosurg Psychiatry 1994 Dec;57(12):1466-78

Zielke A, Hasse C, Sitter H, Rothmund M. Influence of ultrasound on clinical decision making in acute appendicitis: a prospective study. Eur J Surg 1998 Mar;164(3):201-9

Zonderland HM, Coerkamp EG, Hermans J, van de Vijver MJ, van Voorthuisen AE. Diagnosis of breast cancer: contribution of US as an adjunct to mammography. Radiology 1999 Nov;213(2):413-22

Zuberi SM, Matta N, Nawaz S, Stephenson JB, McWilliam RC, Hollman A. Muscle ultrasound in the assessment of suspected neuromuscular disease in childhood. Neuromuscul Disord 1999 Jun;9(4):203-7

Articles Used-Psychological

American Psychiatric Association. Diagnostic and Statistical Manual of Mental Disorders, 3rd Edition. Washington, D.C., APA, 1980.

Baird, Gillian; Charman, Tony; Baron-Cohen, Simon; Cox, Anthony; Swettenham, John; Wheelwright, Sally; Drew, Auriol. A screening instrument for autism at 18 months of age: A 6-year follow-up study. Journal of the American Academy of Child & Adolescent Psychiatry. 2000 Jun Vol 39(6) 694-702

Berument, Sibel Kazak; Rutter, Michael; Lord, Catherine; Pickles, Andrew; Bailey, Anthony. Autism screening questionnaire: Diagnostic validity. British Journal of Psychiatry. 1999 Nov Vol 175 444-451

Birtchnell, John; Evans, Chris; Deahl, Martin; Masters, Nigel. The Depression Screening Instrument (DSI): A device for the detection of depressive disorders in general practice. Journal of Affective Disorders. 1989 Mar-Jun Vol 16(2-3) 269-281

Blais, Mark A.; Hilsenroth, Mark J.; Fowler, J. Christopher. Diagnostic efficiency and hierarchical functioning of the DSM-IV borderline personality disorder criteria. Journal of Nervous & Mental Disease. 1999 Mar Vol 187(3) 167-173

Bradley KA, Boyd-Wickizer J, Powell SH, Burman ML. 1998. Alcohol screening questionnaires in women: A critical review. JAMA 280(2):166-171

Brooks, David A.; Williams, Ronald N.; Dean, Raymond S.; Wood, Tina M.; et al. The predictive validity of a neuropsychological screening measure. International Journal of Neuroscience. 1990 Mar Vol 51(1-2) 83-88

Chaffee, C. Anne; Cunningham, Charles E.; Secord-Gilbert, Margaret; Elbard, Heather; et al Screening effectiveness of the Minnesota Child Development Inventory expressive and receptive language scales: Sensitivity, specificity, and predictive value. Psychological Assessment. 1990 Mar Vol 2(1) 80-85

Chen, Wei J.; Faraone, Stephen V.; Biederman, Joseph; Tsuang, Ming T. Diagnostic accuracy of the Child Behavior Checklist scales for attention-deficit hyperactivity disorder: A receiver-operating characteristic analysis. Journal of Consulting & Clinical Psychology. 1994 Oct Vol 62(5) 1017-1025

Colligan, Robert C.; Davis, Leo J.; Morse, Robert M.; Offord, Kenneth P. Screening medical patients for alcoholism with the MMPI: A comparison of seven scales. Journal of Clinical Psychology. 1988 Jul Vol 44(4) 582-592

de las Cuevas, Carlos; Sanz, Emilio J.; de la Fuente, Juan A.; Padilla, Jonathan; Berenguer, Juan C. The Severity of Dependence Scale (SDS) as screening test for benzodiazepine dependence: SDS validation study. Addiction. 2000 Feb Vol 95(2) 245-250

Dent, Alexandra; Lincoln, Nadina B. Screening for memory problems in multiple sclerosis. British Journal of Clinical Psychology. 2000 Sep Vol 39(3) 311-315

Erford, Bradley T.; Bagley, Donna L.; Hopper, James A.; Lee, Ramona M.; Panagopulos, Kathleen A.; Preller, Denise B. Reliability and validity of the Math Essential Skill Screener-Elementary Version (MESS-E). Psychology in the Schools. 1998 Apr Vol 35(2) 127-135

Foa, Edna B.; Cashman, Laurie; Jaycox, Lisa; Perry, Kevin. The validation of a self-report measure of posttraumatic stress disorder: The Posttraumatic Diagnostic Scale. Psychological Assessment. 1997 Dec Vol 9(4) 445-451

Glascoe, Frances Page; Byrne, Karen E. The accuracy of three developmental screening tests. Journal of Early Intervention. 1993 Fal Vol 17(4) 368-379

Gross, Kristin; Keyes, Megan D.; Greene, Roger L. Assessing depression with the MMPI and MMPI-2. Journal of Personality Assessment. 2000 Dec Vol 75(3) 464-477

Gureje, O.; Obikoya, B. The GHQ-12 as a screening tool in a primary care setting. Social Psychiatry & Psychiatric Epidemiology. 1990 Sep Vol 25(5) 276-280

Hiatt, Deirdre; Hargrave, George E. Predicting job performance problems with psychological screening. Journal of Police Science & Administration. 1988 Jun Vol 16(2) 122-135

Hilsenroth, Mark J.; Fowler, J. Christopher; Padawer, Justin R. The Rorschach Schizophrenia Index (SCZI): An examination of reliability, validity, and diagnostic efficiency. Journal of Personality Assessment. 1998 Jun Vol 70(3) 514-534

Hirschfeld, Robert M. A.; Williams, Janet B. W.; Spitzer, Robert L.; Calabrese, Joseph R.; Flynn, Laurie; Keck, Paul E., Jr.; Lewis, Lydia; McElroy, Susan L.; Post, Robert M.; Rapport, Daniel J.; Russell, James M.; Sachs, Gary S.; Zajecka, John. Development and validation of a screening instrument for bipolar spectrum disorder: The Mood Disorder Questionnaire. American Journal of Psychiatry. 2000 Nov Vol 157(11) 1873-1875

Hogervorst, Eef; Barnetson, L.; Jobst, K. A.; Nagy, Zs.; Combrinck, M.; Smith, A. D. Diagnosing dementia: Interrater reliability assessment and accuracy of the NINCDS/ADRDA criteria versus CERAD histopathological criteria for Alzheimer's disease. Dementia & Geriatric Cognitive Disorders. 2000 Mar-Apr Vol 11(2) 107-113

Hyler, Steven E.; Skodol, Andrew E.; Kellman, H. David; Oldham, John M.; et al. Validity of the Personality Diagnostic Questionnaire--Revised: Comparison with two structured interviews. American Journal of Psychiatry. 1990 Aug Vol 147(8) 1043-1048

Inwald, Robin E.; Brockwell, Albert L. Predicting the performance of government security personnel with the IPI and MMPI. Journal of Personality Assessment. 1991 Jun Vol 56(3) 522-535

Ivnik, Robert J.; Smith, Glenn E.; Petersen, Ronald C.; Boeve, Bradley F.; Kokmen, Emre; Tangalos, Eric G. Diagnostic accuracy of four approaches to interpreting neuropsychological test data. Neuropsychology. 2000 Apr Vol 14(2) 163-177

Johnson, Edward E.; Hamer, Robert M.; Nora, Rena M. The Lie/Bet questionnaire for screening pathological gamblers: A follow-up study. Psychological Reports. 1998 Dec Vol 83(3, Pt 2) 1219-1224

Klin, Ami; Lang, Jason; Cicchetti, Domenic V.; Volkmar, Fred R. Brief report: Interrater reliability of clinical diagnosis and DSM-IV criteria for autistic disorder: Results of the DSM-IV Autism Field Trial. Journal of Autism & Developmental Disorders. 2000 Apr Vol 30(2) 163-167

Kogan, Evan S.; Kabacoff, Robert I.; Hersen, Michel; Van Hasselt, Vincent B. Clinical cutoffs for the Beck Depression Inventory and the Geriatric Depression Scale with older adult psychiatric outpatients. Journal of Psychopathology & Behavioral Assessment. 1994 Sep Vol 16(3) 233-242

Laprise, Rejeanne; Vezina, Jean. Diagnostic performance of the Geriatric Depression Scale and the Beck Depression Inventory with nursing home residents. Canadian Journal on Aging. 1998 Win Vol 17(4) 401-413

Lavigne, John V.; Arend, Richard; Rosenbaum, Diane; Sinacore, James; et al. Interrater reliability of the DSM-III--R with preschool children. Journal of Abnormal Child Psychology. 1994 Dec Vol 22(6) 679-690

Maki, Naruhiko; Ikeda, Manabu; Hokoishi, Kazuhiko; Nebu, Akihiko; Komori, Kenjiro; Shigenobu, Kazue; Fukuhara, Ryuji; Hirono, Nobutsugu; Nakata, Hideki; Tanabe, Hirotaka. Validity of the Short-Memory Questionnaire in vascular dementia. International Journal of Geriatric Psychiatry. 2000 Dec Vol 15(12) 1143-1146

Merson, S.; Tyrer, P.; Duke, Peter J.; Henderson, F. Interrater reliability of ICD-10 guidelines for the diagnosis of personality disorders. Journal of Personality Disorders. 1994 Sum Vol 8(2) 89-95

Parikh, Rajesh M.; Eden, Dianne T.; Price, Thomas R.; Robinson, Robert G. The sensitivity and specificity of the Center for Epidemiologic Studies Depression Scale in screening for post-stroke depression. International Journal of Psychiatry in Medicine. 1988 Vol 18(2) 169-181

Pomeroy, Ian M.; Clark, Christopher R.; Philp, Ian. The effectiveness of very short scales for depression screening in elderly medical patients. International Journal of Geriatric Psychiatry. 2001 Mar Vol 16(3) 321-326

Razavi, Darius; Delvaux, Nicole; Farvacques, Christine; Robaye, Edmond. Screening for adjustment disorders and major depressive disorders in cancer in-patients. British Journal of Psychiatry. 1990 Jan Vol 156 79-83

Scheinberg, Zvi; Koslowsky, Meni; Bleich, Avi; Mark, Mordechai; et al. Sensitivity, specificity, and positive predictive value as measures of prediction accuracy: The case of the EAT-26. Educational & Psychological Measurement. 1993 Fal Vol 53(3) 831-839

Sherman, Tracy; Shulman, Brian B. Specificity and sensitivity ratios of the Pediatric Language Acquisition Screening Tool for Early Referral-Revised. Infant-Toddler Intervention. 1999 Dec Vol 9(4) 315-330

Steer, Robert A.; Cavalieri, Thomas A.; Leonard, Douglas M.; Beck, Aaron T. Use of the Beck Depression Inventory for primary care to screen for major depression disorders. General Hospital Psychiatry. 1999 Mar-Apr Vol 21(2) 106-111

Storgaard, Heidi; Nielsen, Susanne D.; Gluud, Christian. The validity of the Michigan Alcoholism Screening Test (MAST). Alcohol & Alcoholism. 1994 Sep Vol 29(5) 493-502

Uhlmann, Richard F.; Larson, Eric B. Effect of education on the Mini-Mental State Examination as a screening test for dementia. Journal of the American Geriatrics Society. 1991 Sep Vol 39(9) 876-880

Articles Used-Security

Jayne, Brian C. 1989. A comparison between the predictive value of two common preemployment screening procedures. The Investigator 5(3)

Articles Reviewed

Articles Reviewed-Polygraph

Abrams, Stanley, Polygraph validity and reliability: A review. Journal of Forensic Sciences, Year: 1973, Volume: 18, Page: 313-326,

Abrams, Stanley, The Validity Of Polygraph Technique With Children. Polygraph , Year: 1994, Volume: 23, Page: 115-116,

Abrams, Stanley, The validity of the polygraph technique with children Journal of Police Science and Administration, Year: 1975, Volume: 3, Page: 310-311,

Abrams, Stanley, The validity of the polygraph with schizophrenics Polygraph, Year: 1974, Volume: 3, Page: ,

Abrams, Stanley, Validity of the polygraph: A bibliography. Polygraph, Year: 1972, Volume: 1, Page: 97-101,

Alpher, Victor S.Blanton, Richard L., The accuracy of lie detection: Why lie tests based on the polygraph should not be admitted into evidence today. Law and Psychology Review, Year: 1985, Volume: 9, Page: 67-75,

Ansley, Norman, A bibliography on validity and reliability of polygraph techniques Polygraph, Year: 1982,

Ansley, Norman, A compendium on polygraph validity Polygraph, Year: 1983, Volume: 12, Page: 53-61,

Ansley, Norman, A compendium on polygraph validity The Narc Officer, Year: 1989, Volume: 5, Page: 43-45,

Ansley, Norman, A review of the scientific literature on the validity, reliability, and utility of polygraph techniques (3rd ed.), Location: Fort Meade, MD, Publisher: National Security Agency, Year: 1983,

Ansley, Norman, Accuracy and utility of RI screening by student examiners at DoDPI, Location: Fort Meade, MD, Publisher: National Security Agency, Year: 1989,

Ansley, Norman, Quick reference guide to polygraph validity, Year: 1983,

Ansley, Norman, Research on the validity of the relevant-irrelevant technique as used in screening Polygraph, Year: 1980, Volume: 9, Page: 153-161,

Ansley, Norman, The validity and reliability of polygraph decisions in real cases Polygraph, Year: 1990, Volume: 19, Page: 169-181, Comments2: Reprinted by the American Polygraph Association. Library has 1 copies including one signed by the author.,

Ansley, Norman. 1989. Accuracy and utility of RI screening by student examiners at DODPI. Polygraph and Personnel Security Research. Office of Security. National Security Agency. Fort George G. Meade, MD.

Ansley, Norman. 1990. "The validity and reliability of polygraph decisions in real cases. Polygraph 19(3): 169-181. (Table 2, pg 174)

Ansley, NormanGarwood, MarciaBarland, Gordon H., The accuracy and utility of polygraph testing, Location: Washington, DC, Publisher: Department of Defense, Year: 1984, Comments2: Reprinted in Polygraph, 13, 1-143. Reprinted as a separate publication by the American Polygraph Association, 1984.,

Ansley, NormanWeir, Raymond J., Statistical study on the use of the Polygraph as a personnel security screening aid, Year: 1953,

APL program increases polygraph's reliability The Johns Hopkins University Gazette, Year: 1993, Volume: 12, Page: 40, Comments2: Johns Hopkins University,

Ash, Philip, The polygraph in pre-employment screening: Research on pre-employment use Polygraph, Year: 1980, Volume: 9, Page: 17-26,

Barland, Gordon H. Charles R. Honts, and Steven D. Barger. 1990. The detection of deception for multiple issues. DoDPI Project No. DoDPI89-P-0005.

Barland, Gordon H., A bibliography of scientific studies pertaining to the validity of current lie detection techniques. , Editor: Ansley, Norman Legal admissibility of the polygraph, Location: Springfield, IL, Publisher: Charles C. Thomas, Year: 1975, Page: 328-332,

Barland, Gordon H., Bibliography on validity Polygraph, Year: 1972, Volume: 1, Page: 256-262,

Barland, Gordon H., Bibliography: The use of polygraphs in pre-employment screening Polygraph, Year: 1974, Volume: 3, Page: 231-234,

Barland, Gordon H., The reliability of chart evaluations , Editor: Ansley, Norman Legal admissibility of the polygraph, Location: Springfield, IL, Publisher: Charles C. Thomas, Year: 1975, Page: 120-132,

Barland, Gordon H., The validity of the polygraph technique, Editor: Ansley, Norman Legal admissibility of the polygraph, Location: Springfield, IL, Publisher: Charles C. Thomas, Year: 1975, Page: 153-167,

Barland, Gordon H.Honts, Charles R.Barger, Steven D., A laboratory study of the validity of the ZCT: An executive summary, Location: Fort McClellan, AL 36205, Publisher: Department of Defense Polygraph Institute, GovReport: DoDPI88-P-0002; DoDPI89-P-0005; DoDPI89-P-0007, Comments2: See ProCite record numbers 571, 572 and 2460,

Barland, Gordon H.Honts, Charles R.Barger, Steven D., Executive summaries: A laboratory study of the validity of the ZCT. The detection of deception for multiple issues. The relative utility of skin resistance and skin conductance., Location: Fort McClellan, Alabama, Publisher: Department of Defense Polygraph Institute , GovReport: DoDPI89-P-0005, Comments2: DTIC AD # A339187/PAA,

Barland, Gordon H.Honts, Charles R.Barger, Steven D., The validity of detection of deception for multiple issues Psychophysiology, Year: 1989, Volume: 26, Page: 13, Comments2: [abstract],

Barland, Gordon H.Raskin, David C., Studies of the accuracy of security screening polygraph examinations, Year: 1976, GovReport: Report No. 76-1 (Contract 75-NI-99-0001), National Institute of the Law Enforcement and Criminal Justice, Law Enforcement Assistance Administration, U.S. Department of Justice; and Department of Psychology, University of Utah,

Barland, Gordon H.Raskin, David C., Validity and reliability of polygraph examinations of criminal suspects, Editor: Prokasy, W. F.Raskin, David C. , Location: New York, Publisher: Academic Press, Year: 1973, Page: 417-477,

Bersh, Philip J.Brisentine, Robert A., Jr., The reliability of blind interpretation of polygraph records for lie detection purposes, GovReport: Report prepared for the DoD Joint Services Group for Coordinated Lie Detection Research,

Blackwell, Joan N. 1996. Polyscore: A comparison of accuracy. DoDPI Report no: DoDPI94-P-0006.

Bradley, Michael T., Accuracy demonstrations, threat and the detection of deception: Cardiovascular, electrodermal and pupillary measures, Location: Canada, Publisher: University of Manitoba, Year: 1980,

Bradley, Michael T.Janisse, Michel P., Accuracy demonstrations, threat, and the detection of deception: Cardiovascular, electrodermal, and pupillary measures Psychophysiology, Year: 1981, Volume: 18, Page: 307-315, Comments2: Reprinted in Polygraph 10(2), 77-91,

Brownlie C, Johnson GJ, and B. Knill. 1997. "Validation study of the relevant/irrelevant screening format" Unpublished report from government project. Provided by DoDPI.

Cabot, R. E., Validity of the polygraph Law and Order, Year: 1977, Volume: 25, Page: 52-53,

Carroll, Douglas, The accuracy of polygraph lie detection Bulletin of the British Psychological Society, Year: 1985, Volume: 38, Page: A56, Comments2: [abstract],

Cestaro, Victor L., A comparison between decision accuracy rates obtained using the polygraph instrument and the computer voice stress analyzer (CVSA) in the absence of jeopardy, Location:

Fort McClellan, AL, Publisher: Department of Defense Polygraph Institute, GovReport: DoDPI95-R-0002, Comments2: DTIC # ADA300334, reprinted in Polygraph 25(2)117-127,

Cestaro, Victor L., A comparison of accuracy rates between detection of deception examinations using the polygraph and the computer voice stress analyzer in a mock crime scenario, Location: Fort McClellan, AL, Publisher: Department of Defense Polygraph Institute, GovReport: DoDPI95-P-0004, Comments2: DTIC AD Number A318985,

Chamberlin, Charles S., Research that debates the validity of the polygraph raises a different set of questions Security World, Year: 1985, Volume: 22, Page: 23,

Clarkson, Douglas B.Martin, Doug, Improving the reliability of polyraph tests, Comments2: Contract no. N00014-93-1-0451, DTIC AD # A303889,

Correa, Eileen Israel and Henry E. Adams. 1981. The validity of the preemployment polygraph examination and the effects of motivation. Polygraph. 143-155.

Cross, Theodore P.Saxe, Leonard, A critique of the validity of polygraph testing in child sexual abuse cases Journal of Child Sexual Abuse, Year: 1992, Volume: 1, Page: 19-33,

Crowe, Michael J.Peters, R. DouglasSuarez, Yolanda M.Claeren, Lisa, The research project to compare the relative validity of the positive control and the relevant-irrelevant polygraph techniques, Location: Jacksonville, AL, Publisher: Jacksonville State University, Year: 1988, GovReport: Contract #MDA 904-87-C-2293,

Cureton, Edward E., A consensus as to the validity of polygraph procedures Tennessee Law Review, Year: 1953, Volume: 22, Page: 18-32, 728-742,

Dougherty, Denise, Critique of DoD (1984), The accuracy and utility of polygraph testing, and comparison with OTA report, The scientific validity of polygraph testing: A research review and evaluation, Location: Washington, DC, Publisher: Office of Technology Assessment, United States Congress,

Dunlap, William P.Silver, ClaytonBittner, Alvah C., Estimating reliability with small samples: Increased precision with averaged correlations. Human Factors, Year: 1986, Volume: 28, Page: 685-690,

Edel, Eugene and Lane A. Moore Jr.1984. "Analysis of Agreement in polygraph charts. Polygraph 193-197. (Table II).

Edel, Eugene C.Jacoby, Jacob, Examiner reliability in polygraph chart analysis: Identification of physiological responses. Journal of Applied Psychology, Year: 1975, Volume: 60, Page: 632-634,

Edwards, Robert H., A survey: reliability of polygraph examinations conducted by Virginia polygraph examiners, Comments2: Published in Polygraph (1981), 10(4), 229-272. ,

Elaad, Eitan, The accuracy of human decisions and objective measurements in psychophysiological detection of knowledge Journal of Psychology , Year: 1994, Volume: 128, Page: 267-280,

Elaad, EitanSchahar, Esther, Polygraph field validity Polygraph, Year: 1985, Volume: 14, Page: 217-223,

Elaad, EitanSchahar, Esther, Polygraph field validity, Editor: Nachshon, Israel Scientific interrogation in criminal investigation, Year: 1976, Comments2: Selected papers presented at the First National Conference on the Scientific Interrogation Criminal Investigation, Bar-Ilan University, Ramat-Gan, Israel,

Elaad, EitanSchahar, Esther, Polygraph field validity. Crime and Social Deviance, Year: 1978, Volume: 6, Page: 16-24, Comments2: [text in Hebrew],

Eminent stress researcher comments on the validity of the polygraph Security Letter, Year: 1976, Volume: 6, Page: 3,

FBI expert produces evidence of high accuracy of polygraph tests APA Newsletter, Year: 1986, Volume: 19, Page: 10,

Forman, Robert F., The reliability and validity of three polygraph techniques using the field practice model. Dissertation Abstracts International, Year: 1985, Volume: 45, Page: 3622, Comments2: (University Microfilm International No. 8503690),

Furedy, John J.Heslegrave, Ronald J., Validity of the lie detector: A psychophysiological perspective. Criminal Justice and Behavior, Year: 1988, Volume: 15, Page: 219-246,

Garwood, Marcia, Two issues on the validity of personnel screening polygraph examinations. Polygraph, Year: 1985, Volume: 14, Page: 209-216,

Gerstein, Lawrence H.Barke, Charles R.Johnson, Stephen D., Internal validity studies of a telephone preemployment measure. Journal of Employment Counseling , Year: 1989, Volume: 26, Page: 77-83,

Gibbons, John H., Scientific validity of polygraph testing Testimony before the Subcommittee on Legislation and National Security, Committee on Government Operations, U.S. House of Representatives., Location: Washington, DC, Publisher: GPO,

Gibbons, John H., Scientific validity of polygraph testing. Polygraph, Year: 1983, Volume: 12, Page: 196-197,

Goodman, David J., An investigation into the relative effects of repeated tests upon the validity of diagnosis of results obtained in lie detector examinations, Year: 1952, Comments2: Paper

written while a student a Bowling Green State University. Pages 10-11 are missing, probably contained tabular data which could not be copied at that time.,

Gugas, Chris, A scientifically accurate method of personnel screening. Police, Year: 1961, Page: 19-24,

Hawkins, Darren, Experts debate the accuracy of polygraph tests Daily Chronicle, Location: University of Utah, Page: 1,

Hikita, YoshioSuzuki, Akihiro, An experimental study on the reliability of the judgments between CQT technique and POT technique. National Research Institute of Police Science Bulletin (Polygraph Report), Year: 1965, Volume: 21, Page: 23-64, Comments2: ,

Honts CR and S. Amato. 1999. "The automated polygraph examination." Contract No. 110224-1998-MO.

Honts, Charles R and Lawrence N. Driscoll. 1987."An evaluation of the reliability and validity of rank order and standard numerical scoring of polygraph charts. Polygraph 241-255.

Honts, Charles R and Lawrence N. Driscoll. 1988. "A field validity study of the rank order scoring system (ROSS) in multiple issue control question tests." Polygraph 1-13

Honts, Charles R.Driscoll, Lawrence N., A field validity study of rank order scoring system (ROSS) in multiple issue control question tests. Polygraph, Year: 1988, Volume: 17, Page: 16-Jan,

Honts, Charles R.Driscoll, Lawrence N., An evaluation of the reliability and validity of rank order and standard numerical scoring of polygraph charts. Polygraph, Year: 1987, Volume: 16, Page: 241-257,

Honts, Charles R.Raskin, David C., A field study of the validity of the directed lie control question. Journal of Police Science and Administration, Year: 1988, Volume: 16, Page: 56-61,

Honts, Charles R.Raskin, David C.Kircher, John C., Mental and physical countermeasures reduce the accuracy of polygraph tests Journal of Applied Psychology, Year: 1994, Volume: 79, Page: 252-259,

Horvath, Frank S., The accuracy and reliability of police polygraphic (lie detector) examiners' judgments of truth and deception: The effect of selected variables Dissertation Abstracts International, Year: 1974, Volume: 36, Page: 420,

Horvath, Frank S.Reid, John E., The reliability of polygraph examiner diagnosis of truth and deception. Journal of Criminal Law, Criminology and Police Science, Year: 1971, Volume: 62, Page: 276-281, Comments2: Reprinted in Polygraph 11:1, p. 91-99.,

Hunter, Fred L., Polygraph reliability in identifying the truthful subject. APA Newsletter, Year: 1971, Volume: 6, Page: 23-Nov,

Hunter, Fred L.Ash, Philip, The accuracy and consistency of polygraph examiners' diagnosis. Journal of Police Science and Administration, Year: 1973, Volume: 1, Page: 370-375,

Iacono, W. G.Lykken, D. T., The validity of the lie detector: two surveys of scienctific opinion Journal of Applied Psychology, Year: 1997, Volume: 82, Page: 426-433,

Iacono, William G., Can we determine the accuracy of polygraph tests? , Editor: Ackles, P. K.Jennings, J. RichardColes, Michael G. H. Advances in psychophysiology , Location: Greenwich, CT, Publisher: JAI Press., Year: 1991, Volume: 4, Page: -,

Iacono, William G., Validity of polygraph examinations in the field setting. Psychophysiology, Year: 1984, Volume: 21, Page: 567, Comments2: [abstract],

Jayne, Brian C. 1989. A comparison between the predictive value of two common preemployment screening procedures. The Investigator 5(3)

Jones, Hugh E.Salter, Sarah, Polygraph accuracy: An analog study Polygraph, Year: 1989, Volume: 18, Page: 69-74,

Kalbfleisch, Pamela J., Accuracy in deception detection: A quantitative review Dissertation Abstracts International, Year: 1985, Volume: 46, Page: 4453, Comments2: (University Microfilms No. AAD86-03433), 102 p.,

Kaye, D. H., The validity of tests: Caveant Omnes. Jurimetrics Journal, Year: 1987, Volume: 27, Page: 349-361,

Kenety, W. H., The psychological stress evaluator-The theory, validity, and legal status of an innovative lie detector. Indiana Law Journal, Year: 1980, Volume: 55, Page: 349-374,

Kradz, Michael P.Bartone, John C., Investigative proof of the reliability and value of the psychological stress evaluator in science, medicine and law, Year: 1981, Comments2: Master of Arts thesis. Washington, DC: Abbe Publishing Association.,

Krapohl, Donald J, Donnie W. Dutton, and Andrew H. Ryan. 2001. The Rank Order Scoring System: Replication and extension with field data. Forthcoming Polygraph 2001.

Krapohl, Donald J, Kendall W. Shull, and Andrew A. Ryan. 2000. Does the confession criterion in case selection inflate polygraph validity estimates? Paper submitted to the Forensic Science Communications, November 8, 2000. Polygraph Institute, Ft. Jackson SC.

Lahri, S. K.Ganguly, A. K., An experimental study of the accuracy of polygraph technique in diagnosis of deception with volunteer and criminal subjects. Polygraph, Year: 1978, Volume: 7, Page: 89-94.,

Langer, Eleanor, Lie detectors: Sleuthing by polygraph increasingly popular: Claims of accuracy are unproved Science, Year: 1964, Volume: 144, Page: 395-397, 465-466,

Langley, L. L., The polygraph lie detector: Its physiological basis, reliability and admissibility Alabama Lawyer, Year: 1955, Volume: 16, Page: 209-224,

Link, Frederick C., Polygraph accuracy: are we asking the right questions? part II The Interrogation News, Year: 1984, Volume: 2,

Link, Frederick C., Polygraph accuracy: are we asking the right questions? The Interrogation News, Year: 1984, Volume: 1, Page: 5-Apr,

Lykken, David T., The validity of tests: Caveat emptor Jurimetrics Journal, Year: 1987, Volume: 27, Page: 263-270,

Lykken, David T., The validity of the guilty knowledge technique: The effects of faking Journal of Applied Psychology, Year: 1960, Volume: 44, Page: 258-262, Comments2: Reprinted in Polygraph, 7, 42-48.,

Manthorne, DavePerrier, David C., Reliability of polygraph chart interpretation based upon numerical evaluation, Year: 1981,

McCauley, Clark and Robert F. Forman. 1988. "A review of the Office of Technology Assessment report on polygraph validity." Basic and Applied Social Psychology 9(2): 73-84.

McCauley, ClarkForman, Robert F., A review of the Office of Technology Assessment report on polygraph validity. Basic and Applied Social Psychology, Year: 1988, Volume: 9, Page: 73-84,

McDaniel, Michael A.Jones, John W., Predicting employee theft: A quantitative review of the validity of a standardized measure of dishonesty. Journal of Business and Psychology, Year: 1988, Volume: 2, Page: 327-345,

New report gives high reliability and validity to the polygraph Security Letter, Year: 1976, Volume: 6, Page: 2-Jan,

Office of Technology Assessment, The validity of polygraph testing., Year: 1983, Page: -, Comments2: Preliminary draft. Printed in Polygraph, 12, 198-319.,

Patrick, C.J. and W.G. Iacono. 1991. "Validity of the control question polygraph test: The problem of sampling bias." Journal of Applied Psychology 76(2): 229-238.)

Patrick, Christopher J., The validity of lie detection with criminal psychopaths, Location: Canada, Publisher: University of British Columbia, Year: 1987,

Patrick, Christopher J.Iacono, William G., Psychopathy, threat and polygraph test accuracy Journal of Applied Psychology, Year: 1989, Volume: 74, Page: 347-355,

Patrick, Christopher J.Iacono, William G., Validity of the control question polygraph test: The problem of sampling bias. Journal of Applied Psychology, Year: 1991, Volume: 76, Page: 229-238,

Polygraph validity found inconclusive Security, Year: 1987, Volume: 24, Page: 10,

Psychologists group says jury is still out on polygraph validity Law Enforcement News, Year: 1986, Volume: 11, Page: 3,

Quigley-Fernandez, BarbaraTedeschi, James T., The bogus pipeline as lie detector: Two validity studies. Journal of Personality and Social Psychology, Year: 1978, Volume: 36, Page: 247-256,

Rafky, David M.Sussman, Richard C., Polygraphic reliability and validity: Individual components and stress of issue in criminal tests. Journal of Police Science and Administration, Year: 1985, Volume: 13, Page: 283-294,

Rapp, John F., The comparative reliability of polygraph evidence. Review of Litigation, Year: 1985, Volume: 4, Page: 151-172,

Raskin, David C., Estimates of validity and the role of base rates in the interpretation of polygraph results Psychophysiology, Year: 1984, Volume: 21, Page: 567, Comments2: [abstract],

Raskin, David C., Methodological issues in estimating polygraph accuracy in field applications. Canadian Journal of Behavioural Science, Year: 1987, Volume: 19, Page: 389-404,

Raskin, David C.Kircher, John C.Honts, Charles R.Horowitz, Steven W., Validity of control question polygraph tests in criminal investigation. Psychophysiology, Year: 1988, Volume: 25, Page: 476,

Report of the investigation of the validity of the psychological stress evaluator, Year: 1980, Page: -, Comments2: Prepared for the Commonwealth of Virginia Department of Commerce.,

Roman, Deborah D.Tuley, Michael L.Villaneuva, Michael R.Mitchell, W. E., Evaluating MMPI validity in a forensic psychiatric population. Criminal Justice and Behavior, Year: 1990, Volume: 17, Page: 186-198,

Rovner, Louis I., Scientific review: 'An investigation of the accuracy and consistency of polygraph chart interpretation by inexperienced and experienced examiners' by Yankee, Powell & Newland. APA Newsletter, Year: 1986, Volume: 19, Page: 12-Nov,

Rovner, Louis I., Scientific review: 'Polygraph field validity' by Elaad & Shakhar. APA Newsletter, Year: 1986, Volume: 19, Page: 15-16,

Sackett, Paul R., Honesty testing for personnel selection: Assessing the validity of 'paper and pencil' test. Personnel Administrator, Year: 1985, Volume: 30, Page: 67-70, 72, 74, 76, 121,

Saxe, LeonardDougherty, DeniseCross, Theodore P., The validity of polygraph testing: scientific analysis and public controversy American Psychologist, Year: 1985, Volume: 40, Page: 355-366,

Sevilla, Charles M., Reliability of polygraph examination. American Jurisprudence, Year: 1977, Volume: 14,

Shull, Kendall W.Crowe, Michael J., Effects of two methods of comparing relevant and control questions on the accuracy of psychophysiological detection of deception, Location: Fort McClellan, AL, Publisher: Department of Defense Polygraph Institute, GovReport: DoDPI93-R-0002, Comments2: DTIC AD Number A304538,

Simpson, B. Allen, The polygraph: Concept, usage and validity. Psychology, Year: 1986, Volume: 23, Page: 42-45,

Slowik, Stanley M.Buckley, Joseph P., III, Relative accuracy of polygraph examiner diagnosis of respiration, blood pressure and GSR recordings. Journal of Police Science and Administration, Year: 1975, Volume: 3, Page: 305-309,

Smith, R. Jeffrey, Dubious validity of polygraph tests Science, Year: 1984, Page: 1217,

Smith, R. Jeffrey, Polygraph tests: Dubious validity. Science, Year: 1984, Volume: 224, Page: 1217,

Steinbrook, Robert, The polygraph test - A flawed diagnostic method The New England Journal of Medicine, Year: 1992, Volume: 327, Page: 122-123,

Stone, Donald H., Pre-employment inquiries: Drug testing, alcohol screening, physical exams, honesty testing, genetics screening--Do they discriminate? Akron Law Review, Year: 1991, Volume: 25, Page: 367,

Sussmann, MarioRobertson, Donald U., The validity of validity: an analysis of validation study designs Journal of Applied Psychology, Year: 1986, Volume: 71, Page: 461-468,

Suzuki, Akihiro, Theoretical inquiry on the polygraph test - Concerning the legal argument on the reliability critic. Kakeiken Shiryo (Police Science Data), Year: 1968, Volume: 49, Page: 24-28, Comments2: [text in Japanese],

Suzuki, AkihiroWatanabe, ShoichiOhnishi, KazuoMatsuno, KatsunoriArasuna, Masana, Polygraph examiners' judgements in chart interpretation: Reliability of judgement Reports of the National Research Institute of Police Science, Year: 1973, Volume: 26, Page: 34-39, Comments2: [text in Japanese; English abstract],

Suzuki, Sadao, Theoretical considerations on the polygraph test: With regard to legal discussions as to its reliability., Comments2: Reference unknown. [English translation from Japanese] (Available from DoDPI),

Swets, John A., Measuring the accuracy of diagnostic systems Science, Year: 1988, Volume: 240, Page: 1285-1293,

Tests measure polygraph accuracy LEAA Newsletter, Year: 1977, Page: 214,

The Polygraph: Another report supports its reliability Security Letter, Year: 1979, Volume: 9, Page: Part 1, 4,

Validity and reliability of the polygraph Assets Protection, Year: 1979, Volume: 4, Page: 34-36,

Wasyliw, Orest E.Grossman, LindaHaywood, Thomas W.Cavanaugh, James L., Jr., The detection of malingering in criminal forensic groups: MMPI validity scales. Journal of Personality Assessment, Year: 1988, Volume: 52, Page: 321-333,

Widacki, JanHorvath, Frank S., An experimental investigation of the relative validity and utility of the polygraph technique and three other methods of criminal identification. Journal of Forensic Sciences, Year: 1978, Volume: 23, Page: 596-601, Comments2: Reprinted in Polygraph, 7, 215-221.,

Williams, Vergil L., Response to Cross and Saxe's 'A Critique of the Validity of Polygraph Testing in Child Sexual Abuse Cases' Journal of Child Sexual Abuse, Year: 1995, Volume: 4, Page: 55-71,

Yamaoka, KazunobuYamamura, Takehiko, Reliability and validity of polygraph technique. Keisato Gakuron Shuu [Reports of Police Science], Year: 1982, Volume: 36, Page: 134-150, Comments2: [text in Japanese],

Yankee, William J, James M. Powell, and Ross Newland. 1985. An investigation of the accuracy and consistency of polygraph chart interpretation by inexperienced and experienced examiners. Polygraph 14(2):108-117.

Articles Reviewed-Medical

Abdel-Nabi HH, Doerr RJ. Multicenter clinical trials of monoclonal antibody B72.3-GYK-DTPA 111In (111In-CYT-103; OncoScint CR103) in patients with colorectal carcinoma. Targeted Diagn Ther 1992;6:73-88

Abrams BJ, Sukumvanich P, Seibel R, Moscati R, Jehle D. Ultrasound for the detection of intraperitoneal fluid: the role of Trendelenburg positioning. Am J Emerg Med 1999 Mar;17(2):117-20

Abril JC, Berjano P, Diaz A. Concordance between hip ultrasonography and hip arthrography in the assessment of developmental dysplasia of the hip. J Pediatr Orthop B 1999 Oct;8(4):264-7

Acampa W, Cuocolo A, Sullo P, Varrone A, Nicolai E, Pace L, Petretta M, Salvatore M. Direct comparison of technetium 99m-sestamibi and technetium 99m-tetrofosmin cardiac single photon emission computed tomography in patients with coronary artery disease. J Nucl Cardiol 1998 May-Jun;5(3):265-74

Achiron R, Goldenberg M, Lipitz S, Mashiach S, Oelsner G. Transvaginal Doppler sonography for detecting ectopic pregnancy: is it really necessary. Isr J Med Sci 1994 Nov;30(11):820-5

Adamek HE, Albert J, Breer H, Weitz M, Schilling D, Riemann JF. Pancreatic cancer detection with magnetic resonance cholangiopancreatography and endoscopic retrograde cholangiopancreatography: a prospective controlled study. Lancet 2000 Jul 15;356(9225):190-3

Adamek HE, Albert J, Weitz M, Breer H, Schilling D, Riemann JF. A prospective evaluation of magnetic resonance cholangiopancreatography in patients with suspected bile duct obstruction. Gut 1998 Nov;43(5):680-3

Aguirre GK, Zarahn E, D'esposito M. The variability of human, BOLD hemodynamic responses. Neuroimage 1998 Nov;8(4):360-9

Ahn CY, DeBruhl ND, Gorczyca DP, Shaw WW, Bassett LW. Comparative silicone breast implant evaluation using mammography, sonography, and magnetic resonance imaging: experience with 59 implants. Plast Reconstr Surg 1994 Oct;94(5):620-7

Akahoshi K, Chijiiwa Y, Nakano I, Nawata H, Ogawa Y, Tanaka M, Nagai E, Tsuneyoshi M. Diagnosis and staging of pancreatic cancer by endoscopic ultrasound. Br J Radiol 1998 May;71(845):492-6

al-Abadi H. Fine needle aspiration biopsy vs. ultrasound-guided transrectal random core biopsy of the prostate. Comparative investigations in 246 cases. Acta Cytol 1997 Jul-Aug;41(4):981-6

Alam MS, Takeuchi R, Kasagi K, Misaki T, Miyamoto S, Iida Y, Hidaka A, Konishi J. Value of combined technetium-99m hydroxy methylene diphosphonate and thallium-201 imaging in detecting bone metastases from thyroid carcinoma. Thyroid 1997 Oct;7(5):705-12

Alasaarela E, Leppilahti J, Hakala M. Ultrasound and operative evaluation of arthritic shoulder joints. Ann Rheum Dis 1998 Jun;57(6):357-60

Alcaraz MJ, De la Morena EJ, Polo A, Ramos A, De la Cal MA, Gonzalez Mandly A. A comparative study of magnetic resonance cholangiography and direct cholangiography.Rev Esp Enferm Dig 2000 Jul;92(7):427-38

Allen MW, Hendi P, Bassett L, Phelps ME, Gambhir SS. A study on the cost effectiveness of sestamibi scintimammography for screening women with dense breasts for breast cancer. Breast Cancer Res Treat 1999 Jun;55(3):243-58

Alloatti S, Molino A, Bonfant G, Ratibondi S, Bosticardo GM. Measurement of vascular access recirculation unaffected by cardiopulmonary recirculation: evaluation of an ultrasound method. Nephron 1999 Jan;81(1):25-30

al-Nahhas AM, Jawad AS, Norman A, McCready VR. 99Tcm-MDP blood-pool phase in the assessment of repetitive strain injury. Nucl Med Commun 1997 Oct;18(10):927-31

Alonso JC, Soriano A, Zarca MA, Guerra P, Alcazar R, Molino C. Breast cancer detection with sestamibi-Tc-99m and Tl-201 radionuclides in patients with non conclusive mammography. Anticancer Res 1997 May-Jun;17(3B):1661-5

AM, Kiat H, Friedman JD, Berman DS. Adenosine technetium-99m sestamibi myocardial perfusion SPECT in women: diagnostic efficacy in detection of coronary artery disease. J Am Coll Cardiol 1996 Mar 15;27(4):803-9

Amanullah AM, Aasa M. Significance of ST segment depression during adenosine-induced coronary hyperemia in angina pectoris and correlation with angiographic, scintigraphic, hemodynamic, and echocardiographic variables. Int J Cardiol 1995 Feb;48(2):167-76

Ambrosetti P, Jenny A, Becker C, Terrier TF, Morel P. Acute left colonic diverticulitis--compared performance of computed tomography and water-soluble contrast enema: prospective evaluation of 420 patients. Dis Colon Rectum 2000 Oct;43(10):1363-7

Anagnostopoulos C, Gunning MG, Davies G, Francis J, Underwood SR. Simultaneous biplane first-pass radionuclide ventriculography using 99Tcm-tetrofosmin: a comparison with magnetic resonance imaging. Nucl Med Commun 1998 May;19(5):435-41

Andren-Sandberg A, Lindberg CG, Lundstedt C, Ihse I. Computed tomography and laparoscopy in the assessment of the patient with pancreatic cancer. J Am Coll Surg 1998 Jan;186(1):35-40

Angus BJ, Smith MD, Suputtamongkol Y, Mattie H, Walsh AL, Wuthiekanun V, Chaowagul W, White NJ. Pharmacokinetic-pharmacodynamic evaluation of ceftazidime continuous infusion vs intermittent bolus injection in septicaemic melioidosis. Br J Clin Pharmacol 2000 May;49(5):445-52 Corrected and republished in: Br J Clin Pharmacol 2000 Aug;50(2):184-91

Anticancer Res 1998 May-Jun;18(3C):2159-61

Antinori A, De Rossi G, Ammassari A, Cingolani A, Murri R, Di Giuda D, De Luca A, Pierconti F, Tartaglione T, Scerrati M, Larocca LM, Ortona L. Value of combined approach with thallium-201 single-photon emission computed tomography and Epstein-Barr virus DNA polymerase chain reaction in CSF for the diagnosis of AIDS-related primary CNS lymphoma. J Clin Oncol 1999 Feb;17(2):554-60

Arbab AS, Koizumi K, Toyama K, Arai T, Yoshitomi T, Araki T. Detection of lung lesions and lymph nodes with 201Tl SPET. Nucl Med Commun 1998 May;19(5):411-6

Arbit E, Galicich JH. Importance of image-guided stereotactic biopsy to confirm diagnosis in an oncological setting. Ann Surg Oncol 1994 Sep;1(5):368-72

Arioglu E, Duncan-Morin J, Sebring N, Rother KI, Gottlieb N, Lieberman J, Herion D, Kleiner DE, Reynolds J, Premkumar A, Sumner AE, Hoofnagle J, Reitman ML, Taylor SI. Efficacy and safety of troglitazone in the treatment of lipodystrophy syndromes. Ann Intern Med 2000 Aug 15;133(4):263-74

Aro AR, de Koning HJ, Absetz P, Schreck M. Psychosocial predictors of first attendance for organised mammography screening. J Med Screen 1999;6(2):82-8

Asakura H, Nakai A, Ishikawa G, Suzuki S, Araki T. Prediction of uterine dehiscence by measuring lower uterine segment thickness prior to the onset of labor: evaluation by transvaginal ultrasonography. J Nippon Med Sch 2000 Oct;67(5):352-6

Ascher SM, Agrawal R, Bis KG, Brown ED, Maximovich A, Markham SM, Patt RH, Semelka RC. Endometriosis: appearance and detection with conventional and contrast-enhanced fat-suppressed spin-echo techniques. J Magn Reson Imaging 1995 May-Jun;5(3):251-7

Asencio F, Aguilo J, Salvador JL, Villar A, De la Morena E, Ahamad M, Escrig J, Puche J, Viciano V, Sanmiguel G, Ruiz J. Video-laparoscopic staging of gastric cancer. A prospective multicenter comparison with noninvasive techniques. Surg Endosc 1997 Dec;11(12):1153-8

Ashkinazi IYa, Vershinina EA. Pain sensitivity in chronic psychoemotional stress in humans. Neurosci Behav Physiol 1999 May-Jun;29(3):333-7

Aversa A, Bonifacio V, Moretti C, Frajese G, Fabbri A. Re-dosing of prostaglandin-E1 versus prostaglandin-E1 plus phentolamine in male erectile dysfunction: a dynamic color power Doppler study. Int J Impot Res 2000 Feb;12(1):33-40

Avril N, Rose CA, Schelling M, Dose J, Kuhn W, Bense S, Weber W, Ziegler S, Graeff H, Schwaiger M. Breast imaging with positron emission tomography and fluorine-18 fluorodeoxyglucose: use and limitations. J Clin Oncol 2000 Oct 15;18(20):3495-502

Ayers M, Prince M, Ahmadi S, Baran DT. Reconciling quantitative ultrasound of the calcaneus with X-ray-based measurements of the central skeleton. J Bone Miner Res 2000 Sep;15(9):1850-5

Baba S, Akira K, Suzuki H, Imachi M. Use of nuclear magnetic resonance spectroscopy and selective C-labeling for pharmacokinetic research in man: detection of benzoic acid conversion to hippuric acid. Biol Pharm Bull 1995 May;18(5):643-7

Babaian RJ, Sayer J, Podoloff DA, Steelhammer LC, Bhadkamkar VA, Gulfo JV. Radioimmunoscintigraphy of pelvic lymph nodes with 111indium-labeled monoclonal antibody CYT-356. J Urol 1994 Dec;152(6 Pt 1):1952-5

Babikian V, Sloan MA, Tegeler CH, DeWitt LD, Fayad PB, Feldmann E, Gomez CR. Transcranial Doppler validation pilot study. J Neuroimaging 1993 Oct;3(4):242-9

Bain G, Bodley R, Jamous A, Williams S, Silver J. A comparison of the chest radiograph and computerised tomography in assessing lung changes in acute spinal injuries--an assessment of their prevalence and the accuracy of the chest X-ray compared with CT in their assessment. Paraplegia 1995 Mar;33(3):121-5

Baines CJ, McFarlane DV, Miller AB. Sensitivity and specificity of first screen mammography in 15 NBSS centres. Can Assoc Radiol J 1988 Dec;39(4):273-6

Baines CJ, Miller AB, Wall C, McFarlane DV, Simor IS, Jong R, Shapiro BJ, Audet L, Petitclerc M, Ouimet-Oliva D, et al. Sensitivity and specificity of first screen mammography in the Canadian National Breast Screening Study: a preliminary report from five centers. Radiology 1986 Aug;160(2):295-8

Baines CJ. The Canadian National Breast Screening Study: a perspective on criticisms. Ann Intern Med 1994 Feb 15;120(4):326-34

Baird AE, Austin MC, McKay WJ, Donnan GA. Sensitivity and specificity of 99mTc-HMPAO SPECT cerebral perfusion measurements during the first 48 hours for the localization of cerebral infarction. Stroke 1997 May;28(5):976-80

Bakkevold KE, Arnesjo B, Kambestad B. Carcinoma of the pancreas and papilla of Vater: presenting symptoms, signs, and diagnosis related to stage and tumour site. A prospective multicentre trial in 472 patients. Norwegian Pancreatic Cancer Trial. Scand J Gastroenterol 1992 Apr;27(4):317-25

Barber PA, Darby DG, Desmond PM, Gerraty RP, Yang Q, Li T, Jolley D, Donnan GA, Tress BM, Davis SM. Identification of major ischemic change. Diffusion-weighted imaging versus computed tomography. Stroke 1999 Oct;30(10):2059-65

Barber PA, Demchuk AM, Hudon ME, Pexman JH, Hill MD, Buchan AM. Hyperdense sylvian fissure MCA "dot" sign: A CT marker of acute ischemia. Stroke 2001 Jan;32(1):84-8

Barentsz JO, Berger-Hartog O, Witjes JA, Hulsbergen-van der Kaa C, Oosterhof GO, VanderLaak JA, Kondacki H, Ruijs SH. Evaluation of chemotherapy in advanced urinary bladder cancer with fast dynamic contrast-enhanced MR imaging. Radiology 1998 Jun;207(3):791-7

Baronciani D, Atti G, Andiloro F, Bartesaghi A, Gagliardi L, Passamonti C, Petrone M. Screening for developmental dysplasia of the hip: from theory to practice. Collaborative Group DDH Project. Pediatrics 1997 Feb;99(2):E5

Barron B, Hanna C, Passalaqua AM, Lamki L, Wegener WA, Goldenberg DM. Rapid diagnostic imaging of acute, nonclassic appendicitis by leukoscintigraphy with sulesomab, a technetium 99m-labeled antigranulocyte antibody Fab' fragment. LeukoScan Appendicitis Clinical Trial Group. Surgery 1999 Mar;125(3):288-96

Barronian AD, Zoltan JD, Bucon KA. Magnetic resonance imaging of the knee: correlation with arthroscopy. Arthroscopy 1989;5(3):187-91

Barry BP, Hall N, Cornford E, Broderick NJ, Somers JM, Rose DH. Improved ultrasound detection of renal scarring in children following urinary tract infection. Clin Radiol 1998 Oct;53(10):747-51

Bartolozzi C, Donati F, Cioni D, Crocetti L, Lencioni R. MnDPDP-enhanced MRI vs dual-phase spiral CT in the detection of hepatocellular carcinoma in cirrhosis. Eur Radiol 2000;10(11):1697-702

Bartolozzi C, Donati F, Cioni D, Crocetti L, Lencioni R. MnDPDP-enhanced MRI vs dual-phase spiral CT in the detection of hepatocellular carcinoma in cirrhosis. Eur Radiol 2000;10(11):1697-702

Ba-Ssalamah A, Heinz-Peer G, Schima W, Schibany N, Schick S, Prokesch RW, Kaider A, Teleky B, Wrba F, Lechner G. Detection of focal hepatic lesions: comparison of unenhanced and SHU 555 A-enhanced MR imaging versus biphasic helical CTAP. J Magn Reson Imaging 2000 Jun;11(6):665-72

Bateman TM, Gray RJ, Whiting JS, Sethna DH, Berman DS, Matloff JM, Swan HJ, Forrester JS. Prospective evaluation of ultrafast cardiac computed tomography for determination of coronary bypass graft patency. Circulation 1987 May;75(5):1018-24

Baum RA, Rutter CM, Sunshine JH, Blebea JS, Blebea J, Carpenter JP, Dickey KW, Quinn SF, Gomes AS, Grist TM, et al. Multicenter trial to evaluate vascular magnetic resonance angiography of the lower extremity. American College of Radiology Rapid Technology Assessment Group. JAMA 1995 Sep 20;274(11):875-80

Baxter GM, Kincaid W, Jeffrey RF, Millar GM, Porteous C, Morley P. Comparison of colour Doppler ultrasound with venography in the diagnosis of axillary and subclavian vein thrombosis. Br J Radiol 1991 Sep;64(765):777-81

Bazzoli F, Zagari M, Pozzato P, Varoli O, Fossi S, Ricciardiello L, Alampi G, Nicolini G, Sottili S, Simoni P, Roda A, Roda E. Evaluation of short-term low-dose triple therapy for the eradication of Helicobacter pylori by factorial design in a randomized, double-blind, controlled study. Aliment Pharmacol Ther 1998 May;12(5):439-45

Beaulieu CF, Jeffrey RB Jr, Karadi C, Paik DS, Napel S. Display modes for CT colonography. Part II. Blinded comparison of axial CT and virtual endoscopic and panoramic endoscopic volume-rendered studies. Radiology 1999 Jul;212(1):203-12

Beck JG, Stanley MA, Baldwin LE, Deagle EA 3rd, Averill PM. Comparison of cognitive therapy and relaxation training for panic disorder. J Consult Clin Psychol 1994 Aug;62(4):818-26

Beck RW, Kupersmith MJ, Cleary PA, Katz B. Fellow eye abnormalities in acute unilateral optic neuritis. Experience of the optic neuritis treatment trial. Ophthalmology 1993 May;100(5):691-7; discussion 697-8

Beets-Tan RG, Beets GL, Vliegen RF, Kessels AG, Van Boven H, De Bruine A, von Meyenfeldt MF, Baeten CG, van Engelshoven JM. Accuracy of magnetic resonance imaging in prediction of tumour-free resection margin in rectal cancer surgery. Lancet 2001 Feb 17;357(9255):497-504

Bellin MF, Roy C, Kinkel K, Thoumas D, Zaim S, Vanel D, Tuchmann C, Richard F, Jacqmin D, Delcourt A, Challier E, Lebret T, Cluzel P. Lymph node metastases: safety and effectiveness of MR imaging with ultrasmall superparamagnetic iron oxide particles--initial clinical experience. Radiology 1998 Jun;207(3):799-808

Belsky M, Gaitini D, Goldsher D, Hoffman A, Daitzchman M. Color-coded duplex ultrasound compared to CT angiography for detection and quantification of carotid artery stenosis. Eur J Ultrasound 2000 Sep;12(1):49-60

Benedetto C, Valensise H, Marozio L, Giarola M, Massobrio M, Romanini C. A two-stage screening test for pregnancy-induced hypertension and preeclampsia. Obstet Gynecol 1998 Dec;92(6):1005-11

Benfeldt E. In vivo microdialysis for the investigation of drug levels in the dermis and the effect of barrier perturbation on cutaneous drug penetration. Studies in hairless rats and human subjects. Acta Derm Venereol Suppl (Stockh) 1999;206:1-59

Bentin S, Deouell LY, Soroker N. Selective visual streaming in face recognition: evidence from developmental prosopagnosia. Neuroreport 1999 Mar 17;10(4):823-7

Berghammer P, Obwegeser R, Mulauer-Ertl S, Karanikas G, Wiltschke C, Kubista E, Sinzinger H, Zielinski C. 99m-Tc-tetrofosmin scintigraphy and breast cancer. Gynecol Oncol 1999 Apr;73(1):87-90

Bergman H, Chertkow H, Wolfson C, Stern J, Rush C, Whitehead V, Dixon R. HM-PAO (CERETEC) SPECT brain scanning in the diagnosis of Alzheimer's disease. J Am Geriatr Soc 1997 Jan;45(1):15-20

Berland LL, Koslin DB, Routh WD, Keller FS. Renal artery stenosis: prospective evaluation of diagnosis with color duplex US compared with angiography. Work in progress. Radiology 1990 Feb;174(2):421-3

Berlangieri SU, Scott AM, Knight SR, Fitt GJ, Hennessy OF, Tochon-Danguy HJ, Clarke CP, McKay WJ. F-18 fluorodeoxyglucose positron emission tomography in the non-invasive staging of non-small cell lung cancer. Eur J Cardiothorac Surg 1999 Sep;16 Suppl 1:S25-30

Berman DS, Kiat H, Friedman JD, Wang FP, van Train K, Matzer L, Maddahi J, Germano G. Separate acquisition rest thallium-201/stress technetium-99m sestamibi dual-isotope myocardial perfusion single-photon emission computed tomography: a clinical validation study. J Am Coll Cardiol 1993 Nov 1;22(5):1455-64

Berna L, Chico A, Matias-Guiu X, Mato E, Catafau A, Alonso C, Mora J, Mauricio D, Rodriguez-Espinosa J, Mari C, Flotats A, Martin JC, Estorch M, Carrio I. Use of somatostatin analogue scintigraphy in the localization of recurrent medullary thyroid carcinoma. Eur J Nucl Med 1998 Nov;25(11):1482-8

Berrouschot J, Barthel H, von Kummer R, Knapp WH, Hesse S, Schneider D. 99m technetium-ethyl-cysteinate-dimer single-photon emission CT can predict fatal ischemic brain edema. Stroke 1998 Dec;29(12):2556-62

Bettoni L, Bortone E, Dascola I, Delsoldato S, Giorgi C, Mancia D. The masseteric inhibitory reflex in the diagnosis of multiple sclerosis. Electromyogr Clin Neurophysiol 1998 Jan-Feb;38(1):11-7

Binder T, Assayag P, Baer F, Flachskampf F, Kamp O, Nienaber C, Nihoyannopoulos P, Pierard L, Steg G, Vanoverschelde JL, Van der Wouw P, Meland N, Marelli C, Lindvall K. NC100100, a new echo contrast agent for the assessment of myocardial perfusion--safety and comparison with technetium-99m sestamibi single-photon emission computed tomography in a randomized multicenter study. Clin Cardiol 1999 Apr;22(4):273-82

Birney TJ, White JJ Jr, Berens D, Kuhn G. Comparison of MRI and discography in the diagnosis of lumbar degenerative disc disease. J Spinal Disord 1992 Dec;5(4):417-23

Bizollon T, Rode A, Bancel B, Gueripel V, Ducerf C, Baulieux J, Trepo C. Diagnostic value and tolerance of Lipiodol-computed tomography for the detection of small hepatocellular carcinoma: correlation with pathologic examination of explanted livers. J Hepatol 1998 Mar;28(3):491-6

Blachere H, Latrabe V, Montaudon M, Valli N, Couffinhal T, Raherisson C, Leccia F, Laurent F. Pulmonary embolism revealed on helical CT angiography: comparison with ventilation-perfusion radionuclide lung scanning. AJR Am J Roentgenol 2000 Apr;174(4):1041-7

Blaivas M, Lambert MJ, Harwood RA, Wood JP, Konicki J. Lower-extremity Doppler for deep venous thrombosis--can emergency physicians be accurate and fast? Acad Emerg Med 2000 Feb;7(2):120-6

Blanchard TK, Bearcroft PW, Constant CR, Griffin DR, Dixon AK. Diagnostic and therapeutic impact of MRI and arthrography in the investigation of full-thickness rotator cuff tears. Eur Radiol 1999;9(4):638-42

Blankenberg FG, Loh NN, Bracci P, D'Arceuil HE, Rhine WD, Norbash AM, Lane B, Berg A, Person B, Coutant M, Enzmann DR. Sonography, CT, and MR imaging: a prospective comparison of neonates with suspected intracranial ischemia and hemorrhage. AJNR Am J Neuroradiol 2000 Jan;21(1):213-8

Blend MJ, Hyun H, Kozloff M, Levi H, Mills GQ, Gasparini M, Buraggi G, Hughes L, Pinsky CM, Goldenberg DM. Improved staging of B-cell non-Hodgkin's lymphoma patients with 99mTc-labeled LL2 monoclonal antibody fragment. Cancer Res 1995 Dec 1;55(23 Suppl):5764s-5770s

Blomqvist L, Machado M, Rubio C, Gabrielsson N, Granqvist S, Goldman S, Holm T. Rectal tumour staging: MR imaging using pelvic phased-array and endorectal coils vs endoscopic ultrasonography. Eur Radiol 2000;10(4):653-60

Blomqvist L, Ohlsen H, Hindmarsh T, Jonsson E, Holm T. Local recurrence of rectal cancer: MR imaging before and after oral superparamagnetic particles vs contrast-enhanced computed tomography. Eur Radiol 2000;10(9):1383-9

Blomqvist L, Rubio C, Holm T, Machado M, Hindmarsh T. Rectal adenocarcinoma: assessment of tumour involvement of the lateral resection margin by MRI of resected specimen. Br J Radiol 1999 Jan;72(853):18-23

Bluemke DA, Stillman AE, Bis KG, Grist TM, Baum RA, D'Agostino R, Malden ES, Pierro JA, Yucel EK. Carotid MR angiography: phase II study of safety and efficacy for MS-325. Radiology 2001 Apr;219(1):114-22

Blum JE, Handmaker H, Rinne NA. The utility of a somatostatin-type receptor binding peptide radiopharmaceutical (P829) in the evaluation of solitary pulmonary nodules. Chest 1999 Jan;115(1):224-32

Boam WD, Miser WF, Yuill SC, Delaplain CB, Gayle EL, MacDonald DC. Comparison of ultrasound examination with bone scintiscan in the diagnosis of stress fractures. J Am Board Fam Pract 1996 Nov-Dec;9(6):414-7

Boardman LA, Peipert JF, Brody JM, Cooper AS, Sung J. Endovaginal sonography for the diagnosis of upper genital tract infection. Obstet Gynecol 1997 Jul;90(1):54-7

Bogers HA, Sedelaar JP, Beerlage HP, de la Rosette JJ, Debruyne FM, Wijkstra H, Aarnink RG. Contrast-enhanced three-dimensional power Doppler angiography of the human prostate: correlation with biopsy outcome. Urology 1999 Jul;54(1):97-104

Boilleau G, Pujol JL, Ychou M, Faurous P, Marty-Ane C, Michel FB, Godard P. Detection of lymph node metastases in lung cancer: comparison of 131I-anti-CEA-anti-CA 19-9 immunoscintigraphy versus computed tomography. Lung Cancer 1994 Sep;11(3-4):209-19

Bokura H, Kobayashi S, Yamaguchi S. Distinguishing silent lacunar infarction from enlarged Virchow-Robin spaces: a magnetic resonance imaging and pathological study. J Neurol 1998 Feb;245(2):116-22

Bom HS, Song HC, Kim JY, Choi SK, Rew JS, Yoon CM. Differentiation of malignant from benign pancreatic mass by Tl-201 abdominal SPECT. J Korean Med Sci 1995 Apr;10(2):93-6

Bongers V, Bakker J, Beutler JJ, Beek FJ, De Klerk JM. Assessment of renal artery stenosis: comparison of captopril renography and gadolinium-enhanced breath-hold MR angiography. Clin Radiol 2000 May;55(5):346-53

Bonvalot S, Bouvard N, Lothaire P, Maurel J, Galateau F, Segol P, Gignoux M. Contribution of cervical ultrasound and ultrasound fine-needle aspiration biopsy to the staging of thoracic oesophageal carcinoma. Eur J Cancer 1996 May;32A(5):893-5

Boonbaichaiyapruck S, Panpunnang S, Siripornpitak S, Nitjapanich S, Sritara C, Sritara P. Utilization of electron beam CT scan in diagnosis of pulmonary embolism. J Med Assoc Thai 1997 Aug;80(8):527-33

Boraschi P, Braccini G, Grassi L, Campatelli A, Di Vito A, Mosca F, Perri G. Incidentally discovered adrenal masses: evaluation with gadolinium enhancement and fat-suppressed MR imaging at 0.5 T. Eur J Radiol 1997 May;24(3):245-52

Boroojerdi B, Hungs M, Mull M, Topper R, Noth J. Interhemispheric inhibition in patients with multiple sclerosis. Electroencephalogr Clin Neurophysiol 1998 Jun;109(3):230-7

Borzellino G, De Manzoni G, Ricci F. Detection of abdominal adhesions in laparoscopic surgery. A controlled study of 130 cases. Surg Laparosc Endosc 1998 Aug;8(4):273-6

Bosio M. Cystosonography with echocontrast: a new imaging modality to detect vesicoureteric reflux in children. Pediatr Radiol 1998 Apr;28(4):250-5

Bozkurt T, Richter F, Lux G. Ultrasonography as a primary diagnostic tool in patients with inflammatory disease and tumors of the small intestine and large bowel. J Clin Ultrasound 1994 Feb;22(2):85-91

Braccini G, Lamacchia M, Boraschi P, Bertellotti L, Marrucci A, Goletti O, Perri G. Ultrasound versus plain film in the detection of pneumoperitoneum. Abdom Imaging 1996 Sep-Oct;21(5):404-12

Bradley M, Bladon J, Barker H. D-dimer assay for deep vein thrombosis: its role with colour Doppler sonography. Clin Radiol 2000 Jul;55(7):525-7

Brady PG, Goldschmid S, Chappel G, Slone FL, Boyd WP. A comparison of biopsy techniques in suspected focal liver disease. Gastrointest Endosc 1987 Aug;33(4):289-92

Brambati B, Cislaghi C, Tului L, Alberti E, Amidani M, Colombo U, Zuliani G. First-trimester Down's syndrome screening using nuchal translucency: a prospective study in patients undergoing chorionic villus sampling. Ultrasound Obstet Gynecol 1995 Jan;5(1):9-14

Brammer MJ. Multidimensional wavelet analysis of functional magnetic resonance images. Hum Brain Mapp 1998;6(5-6):378-82

Brand E, Schorr U, Ringel J, Beige J, Distler A, Sharma AM. Aldosterone synthase gene (CYP11B2) C-344T polymorphism in Caucasians from the Berlin Salt-Sensitivity Trial (BeSST). Aldosterone synthase gene (CYP11B2) C-344T polymorphism in Caucasians from the Berlin Salt-Sensitivity Trial (BeSST).

Brandt-Mainz K, Muller SP, Gorges R, Saller B, Bockisch A. The value of fluorine-18 fluorodeoxyglucose PET in patients with medullary thyroid cancer. Eur J Nucl Med 2000 May;27(5):490-6

Brant-Zawadzki MN, Jensen MC, Obuchowski N, Ross JS, Modic MT. Interobserver and intraobserver variability in interpretation of lumbar disc abnormalities. A comparison of two nomenclatures. Spine 1995 Jun 1;20(11):1257-63

Brasel KJ, Borgstrom DC, Weigelt JA. Cost-effective prevention of pulmonary embolus in high-risk trauma patients. J Trauma 1997 Mar;42(3):456-60; discussion 460-2

Brass LM, Walovitch RC, Joseph JL, Leveille J, Marchand L, Hellman RS, Tikofsky RS, Masdeu JC, Hall KM, Van Heertum RL. The role of single photon emission computed tomography brain imaging with 99mTc-bicisate in the localization and definition of mechanism of ischemic stroke. J Cereb Blood Flow Metab 1994 Jan;14 Suppl 1:S91-8

Brawer MK, Ploch NR, Bigler SA. Prostate cancer tumor location as predicted by digital rectal examination transferred to ultrasound and ultrasound-guided prostate needle biopsy. J Cell Biochem Suppl 1992;16H:74-7

Brittenden J, Watmough D, Heys SD, Eremin O. Preliminary clinical evaluation of a combined optical Doppler ultrasound instrument for the detection of breast cancer. Br J Radiol 1995 Dec;68(816):1344-8

Britton PD, Coulden RA. The use of duplex Doppler ultrasound in the diagnosis of breast cancer. Clin Radiol 1990 Dec;42(6):399-401

Bromley B, Lieberman E, Laboda L, Benacerraf BR. Echogenic intracardiac focus: a sonographic sign for fetal Down syndrome. Obstet Gynecol 1995 Dec;86(6):998-1001

Brossner C, Madersbacher S, Bayer G, Pycha A, Klingler HC, Maier U. Comparative study of two different TRUS-guided sextant biopsy techniques in detecting prostate cancer in one biopsy session. Eur Urol 2000 Jan;37(1):65-71

Brown J, Buckley D, Coulthard A, Dixon AK, Dixon JM, Easton DF, Eeles RA, Evans DG, Gilbert FG, Graves M, Hayes C, Jenkins JP, Jones AP, Keevil SF, Leach MO, Liney GP, Moss SM, Padhani AR, Parker GJ, Pointon LJ, Ponder BA, Redpath TW, Sloane JP, Turnbull LW, Walker LG, Warren RM. Magnetic resonance imaging screening in women at genetic risk of breast cancer: imaging and analysis protocol for the UK multicentre study. UK MRI Breast Screening Study Advisory Group. Magn Reson Imaging 2000 Sep;18(7):765-76

Brown J, Buckley D, Coulthard A, Dixon AK, Dixon JM, Easton DF, Eeles RA, Evans DG, Gilbert FG, Graves M, Hayes C, Jenkins JP, Jones AP, Keevil SF, Leach MO, Liney GP, Moss SM, Padhani AR, Parker GJ, Pointon LJ, Ponder BA, Redpath TW, Sloane JP, Turnbull LW, Walker LG, Warren RM. Magnetic resonance imaging screening in women at genetic risk of breast cancer: imaging and analysis protocol for the UK multicentre study. UK MRI Breast Screening Study Advisory Group. Magn Reson Imaging 2000 Sep;18(7):765-76

Brugge WR, Lee MJ, Carey RW, Mathisen DJ. Endoscopic ultrasound staging criteria for esophageal cancer. Gastrointest Endosc 1997 Feb;45(2):147-52

Buadu LD, Murakami J, Murayama S, Hashiguchi N, Toyoshima S, Sakai S, Yabuuchi H, Masuda K, Kuroki S, Ohno S. Colour Doppler sonography of breast masses: a multiparameter analysis. Clin Radiol 1997 Dec;52(12):917-23

Buccheri G, Biggi A, Ferrigno D, D'Angeli B, Vassallo G, Leone A, Taviani M, Comino A. Imaging lung cancer by scintigraphy with Indium 111-labeled F(ab')2 fragments of the anticarcinoembryonic antigen monoclonal antibody FO23C5. Cancer 1992 Aug 15;70(4):749-59

Buchmann I, Reinhardt M, Elsner K, Bunjes D, Altehoefer C, Finke J, Moser E, Glatting G, Kotzerke J, Guhlmann CA, Schirrmeister H, Reske SN. 2-(fluorine-18)fluoro-2-deoxy-D-glucose positron emission tomography in the detection and staging of malignant lymphoma. A bicenter trial. Cancer 2001 Mar 1;91(5):889-99

Buchpiguel CA, Mathias SC, Itaya LY, Barros NG, Portela LA, Freitas JM, Caramelli P, Carrilho PE, Bacheschi LA, Hironaka FH, Nitrini R. Brain SPECT in dementia. A clinical-scintigraphic correlation. Arq Neuropsiquiatr 1996 Sep;54(3):375-83

Budoff MJ, Georgiou D, Brody A, Agatston AS, Kennedy J, Wolfkiel C, Stanford W, Shields P, Lewis RJ, Janowitz WR, Rich S, Brundage BH. Ultrafast computed tomography as a diagnostic modality in the detection of coronary artery disease: a multicenter study. Circulation 1996 Mar 1;93(5):898-904

Buraggi GL, Gasparini M, Seregni E, Bombardieri E, Regalia E, Maffioli L. Pilot, multicenter and prospective trials with an anti-CEA antibody. Int J Biol Markers 1992 Jul-Sep;7(3):189-92

Buraggi GL, Gasparini M, Seregni E. Immunoscintigraphy of colorectal carcinoma with an anti-CEA monoclonal antibody: a critical review. Int J Rad Appl Instrum B 1991;18(1):45-50

Burak Z, Argon M, Memis A, Erdem S, Balkan Z, Duman Y, Ustun EE, Erhan Y, Ozkilic H. Evaluation of palpable breast masses with 99Tcm-MIBI: a comparative study with mammography and ultrasonography. Nucl Med Commun 1994 Aug;15(8):604-12

Burk DL Jr, Karasick D, Kurtz AB, Mitchell DG, Rifkin MD, Miller CL, Levy DW, Fenlin JM, Bartolozzi AR. Rotator cuff tears: prospective comparison of MR imaging with arthrography, sonography, and surgery. AJR Am J Roentgenol 1989 Jul;153(1):87-92

Bury T, Corhay JL, Duysinx B, Daenen F, Ghaye B, Barthelemy N, Rigo P, Bartsch P. Value of FDG-PET in detecting residual or recurrent nonsmall cell lung cancer. Eur Respir J 1999 Dec;14(6):1376-80

Buscail L, Escourrou J, Moreau J, Delvaux M, Louvel D, Lapeyre F, Tregant P, Frexinos J. Endoscopic ultrasonography in chronic pancreatitis: a comparative prospective study with conventional ultrasonography, computed tomography, and ERCP. Pancreas 1995 Apr;10(3):251-7

Buscarini L, Fornari F, Bolondi L, Colombo P, Livraghi T, Magnolfi F, Rapaccini GL, Salmi A. Ultrasound-guided fine-needle biopsy of focal liver lesions: techniques, diagnostic accuracy and complications. A retrospective study on 2091 biopsies. J Hepatol 1990 Nov;11(3):344-8

Bussar-Maatz R, Weissbach L. Retroperitoneal lymph node staging of testicular tumours. TNM Study Group. Br J Urol 1993 Aug;72(2):234-40

CA, Bartolone C, Warner DL, Aizenstein R, Hibblen J, Yaghmai B, Wiley TE, Layden TJ. The inaccuracy of duplex ultrasonography in predicting patency of transjugular intrahepatic portosystemic shunts. Gastroenterology 1998 May;114(5):975-80

Cain MP, Garra B, Gibbons MD. Scrotal-inguinal ultrasonography: a technique for identifying the nonpalpable inguinal testis without laparoscopy. J Urol 1996 Aug;156(2 Pt 2):791-4

Calvo MM, Calderon A, Heras I, Duran M, Orive V, Cabriada J, Astigarraga E. Boegard T, Rudling O, Dahlstrom J, Dirksen H, Petersson IF, Jonsson K. Bone scintigraphy in chronic knee pain: comparison with magnetic resonance imaging. Ann Rheum Dis 1999 Jan;58(1):20-6

Calvo MM, Calderon A, Heras I, Duran M, Orive V, Cabriada J, Astigarraga E. Magnetic resonance study of the pancreatic duct. Rev Esp Enferm Dig 1999 Apr;91(4):287-96

Candenas M, Villa R, Fernandez Collar R, Moina MJ, Pintado S, Garcia Saez F, Alvarez FV. Maternal serum alpha-fetoprotein screening for neural tube defects. Report of a program with more than 30000 screened pregnancies. Acta Obstet Gynecol Scand 1995 Apr;74(4):266-9

Carmeci C, Jeffrey RB, McDougall IR, Nowels KW, Weigel RJ. Ultrasound-guided fine-needle aspiration biopsy of thyroid masses. Thyroid 1998 Apr;8(4):283-9

Carter R, Hemingway D, Cooke TG, Pickard R, Poon FW, McKillop JA, McArdle CS. A prospective study of six methods for detection of hepatic colorectal metastases. Ann R Coll Surg Engl 1996 Jan;78(1):27-30

Castellani M, Reschini E, Longari V, Paracchi A, Corbetta S, Marotta G, Gerundini P. Role of Tc-99m sestamibi scintigraphy in the diagnosis and surgical decision-making process in primary hyperparathyroid disease. Clin Nucl Med 2001 Feb;26(2):139-44

Catalano MF, Lahoti S, Geenen JE, Hogan WJ. Prospective evaluation of endoscopic ultrasonography, endoscopic retrograde pancreatography, and secretin test in the diagnosis of chronic pancreatitis. Gastrointest Endosc 1998 Jul;48(1):11-7

Catalona WJ, Richie JP, deKernion JB, Ahmann FR, Ratliff TL, Dalkin BL, Kavoussi LR, MacFarlane MT, Southwick PC. Comparison of prostate specific antigen concentration versus prostate specific antigen density in the early detection of prostate cancer: receiver operating characteristic curves. J Urol 1994 Dec;152(6 Pt 1):2031-6

Catalona WJ, Southwick PC, Slawin KM, Partin AW, Brawer MK, Flanigan RC, Patel A, Richie JP, Walsh PC, Scardino PT, Lange PH, Gasior GH, Loveland KG, Bray KR. Comparison of percent free PSA, PSA density, and age-specific PSA cutoffs for prostate cancer detection and staging. Urology 2000 Aug 1;56(2):255-60

Cazzato S, Zompatori M, Burzi M, Baruzzi G, Falcone F, Poletti V. Bronchoalveolar lavage and transbronchial lung biopsy in alveolar and/or ground-glass opacification. Monaldi Arch Chest Dis 1999 Apr;54(2):115-9

Celani MG, Righetti E, Migliacci R, Zampolini M, Antoniutti L, Grandi FC, Ricci S. Comparability and validity of two clinical scores in the early differential diagnosis of acute stroke. BMJ 1994 Jun 25;308(6945):1674-6

Champault G. The use of laparoscopic ultrasound in the assessment of pancreatic cancer. Wiad Lek 1997;50 Su 1 Pt 1:195-203

Champault G. The use of laparoscopic ultrasound in the assessment of pancreatic cancer. Wiad Lek 1997;50 Su 1 Pt 1:195-203

Chan YL, Leung CB, Yu SC, Yeung DK, Li PK. Comparison of non-breath-hold high resolution gadolinium-enhanced MRA with digital subtraction angiography in the evaluation on allograft renal artery stenosis. Clin Radiol 2001 Feb;56(2):127-32

Chang JJ, Shinohara K, Bhargava V, Presti JC Jr. Prospective evaluation of lateral biopsies of the peripheral zone for prostate cancer detection. J Urol 1998 Dec;160(6 Pt 1):2111-4

Chao CL, Lee YT, Chieng PU, Ho FM, Shiau YC, Shen SJ, Su CT, Huang PJ. Diagnosis of coronary artery disease using dipyridamole thallium-201 imaging. J Formos Med Assoc 1994 Nov-Dec;93(11-12):906-10

Chapple KS, Spencer JA, Windsor AC, Wilson D, Ward J, Ambrose NS. Prognostic value of magnetic resonance imaging in the management of fistula-in-ano. Dis Colon Rectum 2000 Apr;43(4):511-55: 6

Chetanneau A, Baum RP, Lehur PA, Liehn JC, Perkins AC, Bares R, Bourguet P, Herry JY, Saccavini JC, Chatal JF. Multi-centre immunoscintigraphic study using indium-111-labelled CEA-specific and/or 19-9 monoclonal antibody F(ab')2 fragments. Eur J Nucl Med 1990;17(5):223-9

Chiti A, Fanti S, Savelli G, Romeo A, Bellanova B, Rodari M, van Graafeiland BJ, Monetti N, Bombardieri E. Comparison of somatostatin receptor imaging, computed tomography and ultrasound in the clinical management of neuroendocrine gastro-entero-pancreatic tumours. Eur J Nucl Med 1998 Oct;25(10):1396-403

Chiti A, van Graafeiland BJ, Savelli G, Ferrari L, Seregni E, Castellani MR, Bombardieri E. Imaging of neuroendocrine gastro-entero-pancreatic tumours using radiolabelled somatostatin analogues. Ital J Gastroenterol Hepatol 1999 Oct;31 Suppl 2:S190-4

Cho JY, Kim SH, Lee SE. Peripheral hypoechoic lesions of the prostate: evaluation with color and power Doppler ultrasound. Eur Urol 2000 Apr;37(4):443-8

Chui DW, Gooding GA, McQuaid KR, Griswold V, Grendell JH. Hydrocolonic ultrasonography in the detection of colonic polyps and tumors. N Engl J Med 1994 Dec 22;331(25):1685-8

Chung HW, Kim YH, Hong SH, Kim SS, Chung JK, Seong SC, Kang HS. Indirect signs of anterior cruciate ligament injury on SPET: comparison with MRI and arthroscopy.

Chung MH, Lee HG, Kwon SS, Park SH. MR imaging of solitary pulmonary lesion: emphasis on tuberculomas and comparison with tumors. J Magn Reson Imaging 2000 Jun;11(6):629-3

Cicinelli E, Romano F, Anastasio PS, Blasi N, Parisi C, Galantino P. Transabdominal sonohysterography, transvaginal sonography, and hysteroscopy in the evaluation of submucous myomas. Obstet Gynecol 1995 Jan;85(1):42-7

Circulation 1997 Aug 5;96(3):785-92

Cohen MS. Parametric analysis of fMRI data using linear systems methods. Neuroimage 1997 Aug;6(2):93-1

Cole FH Jr, Thomas JE, Wilcox AB, Halford HH 3rd. Cerebral imaging in the asymptomatic preoperative bronchogenic carcinoma patient: is it worthwhile? Ann Thorac Surg 1994 Apr;57(4):838-40

Collier BD, Abdel-Nabi H, Doerr RJ, Harwood SJ, Olsen J, Kaplan EH, Winzelberg GG, Grossman SJ, Krag DN, Mitchell EP. Immunoscintigraphy performed with In-111-labeled CYT-103 in the management of colorectal cancer: comparison with CT. Radiology 1992 Oct;185(1):179-86

Colosimo C, Ruscalleda J, Korves M, La Ferla R, Wool C, Pianezzola P, Kirchin MA. Detection of intracranial metastases: a multicenter, intrapatient comparison of gadobenate dimeglumine-enhanced MRI with routinely used contrast agents at equal dosage. Invest Radiol 2001 Feb;36(2):72-81

Coltman CA Jr, Thompson IM Jr, Feigl P. Prostate Cancer Prevention Trial (PCPT) update. Eur Urol 1999;35(5-6):544-7

Convit A, de Asis J, de Leon MJ, Tarshish CY, De Santi S, Rusinek H. Atrophy of the medial occipitotemporal, inferior, and middle temporal gyri in non-demented elderly predict decline to Alzheimer's disease. Neurobiol Aging 2000 Jan-Feb;21(1):19-26

Cookson MS, Floyd MK, Ball TP Jr, Miller EK, Sarosdy MF. The lack of predictive value of prostate specific antigen density in the detection of prostate cancer in patients with normal rectal examinations and intermediate prostate specific antigen levels. J Urol 1995 Sep;154(3):1070-3

Cornel JH, Bax JJ, Fioretti PM, Visser FC, Maat AP, Boersma E, van Lingen A, Elhendy A, Roelandt JR. Prediction of improvement of ventricular function after revascularization. 18F-fluorodeoxyglucose single-photon emission computed tomography vs low-dose dobutamine echocardiography. Eur Heart J 1997 Jun;18(6):941-8

Cornud F, Belin X, Piron D, Chretien Y, Flam T, Casanova JM, Helenon O, Mejean A, Thiounn N, Moreau JF. Color Doppler-guided prostate biopsies in 591 patients with an elevated serum PSA level: impact on Gleason score for nonpalpable lesions. Urology 1997 May;49(5):709-15

Cosnard G, Duprez T, Grandin C, Smith AM, Munier T, Peeters A. Fast FLAIR sequence for detecting major vascular abnormalities during the hyperacute phase of stroke: a comparison with MR angiography. Neuroradiology 1999 May;41(5):342-6

Cot M, Le Hesran JY, Miailhes P, Esveld M, Etya'ale D, Breart G. Increase of birth weight following chloroquine chemoprophylaxis during the first pregnancy: results of a randomized trial in Cameroon. Am J Trop Med Hyg 1995 Dec;53(6):581-5

Coubes P, Awad IA, Antar M, Magdinec M, Sufka B. Comparison and spacial correlation of interictal HMPAO-SPECT and FDG-PET in intractable temporal lobe epilepsy. Neurol Res 1993 Jun;15(3):160-8

Cramer MJ, Verzijlbergen JF, Niemeyer MG, van der Wall EE, Zwinderman AH, Ascoop CA, Pauwels EK. 99Tcm-sestamibi SPECT with combined dipyridamole and exercise stress in coronary artery disease. Nucl Med Commun 1994 Jul;15(7):554-9

Crane JM, Van den Hof M, Armson BA, Liston R. Transvaginal ultrasound in the prediction of preterm delivery: singleton and twin gestations. Obstet Gynecol 1997 Sep;90(3):357-63

Cremerius U, Wildberger JE, Borchers H, Zimny M, Jakse G, Gunther RW, Buell U. Does positron emission tomography using 18-fluoro-2-deoxyglucose improve clinical staging of testicular cancer?--Results of a study in 50 patients. Urology 1999 Nov;54(5):900-4

Cross MJ, Harms SE, Cheek JH, Peters GN, Jones RC. New horizons in the diagnosis and treatment of breast cancer using magnetic resonance imaging. Am J Surg 1993 Dec;166(6):749-53; discussion 753-5

Cundiff D, McCarthy K, Savarese JJ, Kaiko R, Thomas G, Grandy R, Goldenheim P. Evaluation of a cancer pain model for the testing of long-acting analgesics. The effect of MS Contin in a double-blind, randomized crossover design. Cancer 1989 Jun 1;63(11 Suppl):2355-9

Currie IC, Jones AJ, Wakeley CJ, Tennant WG, Wilson YG, Baird RN, Lamont PM. Non-invasive aortoiliac assessment. Eur J Vasc Endovasc Surg 1995 Jan;9(1):24-8

Cwikla JB, Buscombe JR, Kelleher SM, Parbhoo SP, Thakrar DS, Hinton J, Deery AR, Crow J, Hilson AJ. Comparison of accuracy of scintimammography and X-ray mammography in the diagnosis of primary breast cancer in patients selected for surgical biopsy. Clin Radiol 1998 Apr;53(4):274-80

Dadparvar S, Krishna L, Miyamoto C, Brady LW, Brown SJ, Bender H, Slizofski WJ, Eshleman J, Chevres A, Woo DV. Indium-111-labeled anti-EGFr-425 scintigraphy in the detection of malignant gliomas. Cancer 1994 Feb 1;73(3 Suppl):884-9

Dagli MS, Ingeholm JE, Haxby JV. Localization of cardiac-induced signal change in fMRI. Neuroimage 1999 Apr;9(4):407-15

Davidson BL, Elliott CG, Lensing AW. Low accuracy of color Doppler ultrasound in the detection of proximal leg vein thrombosis in asymptomatic high-risk patients. The RD Heparin Arthroplasty Group. Ann Intern Med 1992 Nov 1;117(9):735-8

de Bruine JF, Limburg M, van Royen EA, Hijdra A, Hill TC, van der Schoot JB. SPET brain imaging with 201 diethyldithiocarbamate in acute ischaemic stroke. Eur J Nucl Med 1990;17(5):248-51

de Kanter AY, van Geel AN, Paul MA, van Eijck CH, Henzen-Logmans SC, Kruyt RH, Krenning EP, Eggermont AM, Wiggers T. Controlled introduction of the sentinel node biopsy in breast cancer in a multi-centre setting: the role of a coordinator for quality control. Eur J Surg Oncol 2000 Nov;26(7):652-6

de Ledinghen V, Lecesne R, Raymond JM, Gense V, Amouretti M, Drouillard J, Couzigou P, Silvain C. Diagnosis of choledocholithiasis: EUS or magnetic resonance cholangiography? A prospective controlled study. Gastrointest Endosc 1999 Jan;49(1):26-31

De Rosa V, Mangoni di Stefano ML, Brunetti A, Caraco C, Graziano R, Gallo MS, Maffeo A. Computed tomography and second-look surgery in ovarian cancer patients. Correlation, actual role and limitations of CT scan. Eur J Gynaecol Oncol 1995;16(2):123-9

de Vries LD, Dijkhuizen FP, Mol BW, Brolmann HA, Moret E, Heintz AP. Comparison of transvaginal sonography, saline infusion sonography, and hysteroscopy in premenopausal women with abnormal uterine bleeding. J Clin Ultrasound 2000 Jun;28(5):217-23

Deasy NP, Conry BG, Lewis JL, Ford TF, Russell GA, Basu R, Flanagan JJ. Local staging of prostate cancer with 0.2 T body coil MRI. Clin Radiol 1997 Dec;52(12):933-7

Debatin JF, Nadel SN, Gray L, Friedman HS, Trotter P, Hockenberger B, Oakes WJ. Phase III clinical evaluation of gadoteridol injection: experience in pediatric neuro-oncologic MR imaging. Pediatr Radiol 1992;22(2):93-8

DeBella K, Poskitt K, Szudek J, Friedman JM. Use of "unidentified bright objects" on MRI for diagnosis of neurofibromatosis 1 in children. Neurology 2000 Apr 25;54(8):1646-51

Del Pizzo JJ, Sklar GN, You-Cheong JW, Levin B, Krebs T, Jacobs SC. Helical computerized tomography arteriography for evaluation of live renal donors undergoing laparoscopic nephrectomy. J Urol 1999 Jul;162(1):31-4

Denti M, Monteleone M, Trevisan C, De Romedis B, Barmettler F. Magnetic resonance imaging versus arthroscopy for the investigation of the osteochondral humeral defect in anterior shoulder instability. A double-blind prospective study. Knee Surg Sports Traumatol Arthrosc 1995;3(3):184-6

DePriest PD, Varner E, Powell J, Fried A, Puls L, Higgins R, Shenson D, Kryscio R, Hunter JE, Andrews SJ, et al. The efficacy of a sonographic morphology index in identifying ovarian cancer: a multi-institutional investigation. Gynecol Oncol 1994 Nov;55(2):174-8

Desai SS. Early diagnosis of spinal tuberculosis by MRI. J Bone Joint Surg Br 1994 Nov;76(6):863-9

Desberg AL, Paushter DM, Lammert GK, Hale JC, Troy RB, Novick AC, Nally JV Jr, Weltevreden AM. Renal artery stenosis: evaluation with color Doppler flow imaging. Radiology 1990 Dec;177(3):749-53

Devereux JG, Foster PJ, Baasanhu J, Uranchimeg D, Lee PS, Erdenbeleig T, Machin D, Johnson GJ, Alsbirk PH. Anterior chamber depth measurement as a screening tool for primary angle-closure glaucoma in an East Asian population. Arch Ophthalmol 2000 Feb;118(2):257-63

Devizzi L, Maffioli L, Bonfante V, Viviani S, Balzarini L, Gasparini M, Valagussa P, Bombardieri E, Santoro A, Bonadonna G. Comparison of gallium scan, computed tomography, and magnetic resonance in patients with mediastinal Hodgkin's disease. Ann Oncol 1997;8 Suppl 1:53-6

Devonec M. Diagnostic value of transrectal ultrasonography in prostatic cancer. Prog Clin Biol Res 1987;243B:1-10

Di Martino E, Nowak B, Hassan HA, Hausmann R, Adam G, Buell U, Westhofen M. Diagnosis and staging of head and neck cancer: a comparison of modern imaging modalities (positron emission tomography, computed tomography, color-coded duplex sonography) with panendoscopic and histopathologic findings. Arch Otolaryngol Head Neck Surg 2000 Dec;126(12):1457-61

Dietemann JL, Thibaut-Menard A, Warter JM, Neugroschl C, Tranchant C, Gillis C, Eid MA, Bogorin A. MRI in multiple sclerosis of the spinal cord: evaluation of fast short-tan inversion-recovery and spin-echo sequences. Neuroradiology 2000 Nov;42(11):810-3

Dietlein M, Scheidhauer K, Voth E, Theissen P, Schicha H. Fluorine-18 fluorodeoxyglucose positron emission tomography and iodine-131 whole-body scintigraphy in the follow-up of differentiated thyroid cancer. Eur J Nucl Med 1997 Nov;24(11):1342-8

Dixon RM, Meire HB, Leigh C, Posner J, Rolan PE. Evaluation of non-invasive techniques to assess vasoconstriction in healthy volunteers using methoxamine as a probe drug. Cephalalgia 1996 Nov;16(7):507-17

Djavan B, Zlotta A, Remzi M, Ghawidel K, Basharkhah A, Schulman CC, Marberger M. Optimal predictors of prostate cancer on repeat prostate biopsy: a prospective study of 1,051 men. J Urol 2000 Apr;163(4):1144-8; discussion 1148-9

D'lppolito G, de Mello GG, Szejnfeld J. The value of unenhanced CT in the diagnosis of acute appendicitis. Rev Paul Med 1998 Nov-Dec;116(6):1838-45

Dodd GD 3rd, Memel DS, Baron RL, Eichner L, Santiguida LA. Portal vein thrombosis in patients with cirrhosis: does sonographic detection of intrathrombus flow allow differentiation of benign and malignant thrombus? AJR Am J Roentgenol 1995 Sep;165(3):573-7

Dogruca Z, Kabasakal L, Yapar F, Nisil C, Vural VA, Onsel Q. A comparison of Tl-201 stress-reinjection-prone SPECT and Tc-99m-sestamibi gated SPECT in the differentiation of inferior wall defects from artifacts. Nucl Med Commun 2000 Aug;21(8):719-27

Dresel S, Kirsch CM, Tatsch K, Zachoval R, Hahn K, Goldenberg DM. Detection of hepatocellular carcinoma with a new alpha-fetoprotein antibody imaging kit. J Clin Oncol 1997 Jul;15(7):2683-90

Drew PJ, Turnbull LW, Chatterjee S, Read J, Carleton PJ, Fox JN, Monson JR, Kerin MJ. Prospective comparison of standard triple assessment and dynamic magnetic resonance imaging of the breast for the evaluation of symptomatic breast lesions. Ann Surg 1999 Nov;230(5):680-5

Droste DW, Kriete JU, Stypmann J, Castrucci M, Wichter T, Tietje R, Weltermann B, Young P, Ringelstein EB. Contrast transcranial Doppler ultrasound in the detection of right-to-left shunts: comparison of different procedures and different contrast agents. Stroke 1999 Sep;30(9):1827-32

Duboeuf F, Jergas M, Schott AM, Wu CY, Gluer CC, Genant HK. A comparison of bone densitometry measurements of the central skeleton in post-menopausal women with and without vertebral fracture. Br J Radiol 1995 Jul;68(811):747-53

Duerinckx AJ, Urman MK. Two-dimensional coronary MR angiography: analysis of initial clinical results. Radiology 1994 Dec;193(3):731-8

Duffy SW, Chen HH, Tabar L, Fagerberg G, Paci E. Sojourn time, sensitivity and positive predictive value of mammography screening for breast cancer in women aged 40-49. Int J Epidemiol 1996 Dec;25(6):1139-45

Durham RM, Zuckerman D, Wolverson M, Heiberg E, Luchtefeld WB, Herr DJ, Shapiro MJ, Mazuski JE, Salimi Z, Sundaram M. Computed tomography as a screening exam in patients with suspected blunt aortic injury. Ann Surg 1994 Nov;220(5):699-704

Ecochard R, Marret H, Rabilloud M, Bradai R, Boehringer H, Girotto S, Barbato M. Sensitivity and specificity of ultrasound indices of ovulation in spontaneous cycles. Eur J Obstet Gynecol Reprod Biol 2000 Jul;91(1):59-64

Egawa S, Suyama K, Takashima R, Mizoguchi H, Kuwao S, Baba S. Prospective evaluation of prostate cancer detection by prostate-specific antigen-related parameters. Int J Urol 1999 Oct;6(10):493-501

el-Azab M, Mohsen T, el-Diasty T, Shokeir AA. Doppler ultrasonography in evaluation of potential live kidney donors: a prospective study. J Urol 1996 Sep;156(3):878-80

Elhendy A, Trocino G, Salustri A, Cornel JH, Roelandt JR, Boersma E, van Domburg RT, Krenning EP, El-Said GM, Fioretti PM. Low-dose dobutamine echocardiography and rest-redistribution thallium-201 tomography in the assessment of spontaneous recovery of left ventricular function after recent myocardial infarction. Am Heart J 1996 Jun;131(6):1088-96

Elias A, Le Corff G, Bouvier JL, Benichou M, Serradimigni A. Value of real time B mode ultrasound imaging in the diagnosis of deep vein thrombosis of the lower limbs. Int Angiol 1987 Apr-Jun;6(2):175-82

Elkohen M, Beregi JP, Deklunder G, Artaud D, Mounier-Vehier C, Carre AG. A prospective study of helical computed tomography angiography versus angiography for the detection of renal artery stenoses in hypertensive patients. J Hypertens 1996 Apr;14(4):525-8

Emshoff R, Rudisch A. Validity of clinical diagnostic criteria for temporomandibular disorders: clinical versus magnetic resonance imaging diagnosis of temporomandibular joint internal derangement and osteoarthrosis. Oral Surg Oral Med Oral Pathol Oral Radiol Endod 2001 Jan;91(1):50-5

Erasmus JJ, McAdams HP, Rossi SE, Goodman PC, Coleman RE, Patz EF. FDG PET of pleural effusions in patients with non-small cell lung cancer. AJR Am J Roentgenol 2000 Jul;175(1):245-9

Erbel R, Engberding R, Daniel W, Roelandt J, Visser C, Rennollet H. Echocardiography in diagnosis of aortic dissection. Lancet 1989 Mar 4;1(8636):457-61

Errington ML, Ferguson JM, Gillespie IN, Connell HM, Ruckley CV, Wright AR. Complete pre-operative imaging assessment of abdominal aortic aneurysm with spiral CT angiography. Clin Radiol 1997 May;52(5):369-77

Eskew LA, Bare RL, McCullough DL. Systematic 5 region prostate biopsy is superior to sextant method for diagnosing carcinoma of the prostate. J Urol 1997 Jan;157(1):199-202; discussion 202-3

Evangelista A, Garcia-del-Castillo H, Gonzalez-Alujas T, Dominguez-Oronoz R, Salas A, Permanyer-Miralda G, Soler-Soler J. Diagnosis of ascending aortic dissection by transesophageal echocardiography: utility of M-mode in recognizing artifacts. J Am Coll Cardiol 1996 Jan;27(1):102-7

Evans AJ, Sostman HD, Witty LA, Paulson EK, Spritzer CE, Hertzberg BS, Carroll BA, Tapson VF, Saltzman HA, DeLong DM. Detection of deep venous thrombosis: prospective comparison of MR imaging and sonography. J Magn Reson Imaging 1996 Jan-Feb;6(1):44-51

Everaert K, Oostra C, Delanghe J, Vande Walle J, Van Laere M, Oosterlinck W. Diagnosis and localization of a complicated urinary tract infection in neurogenic bladder disease by tubular proteinuria and serum prostate specific antigen. Spinal Cord 1998 Jan;36(1):33-8

Ezekowitz MD, Migliaccio F, Farlow D, Pope C, Denny D, Markowitz D, Hammers L, Ali A, Hirsh J. Comparison of platelet scintigraphy, impedance plethysmography gray scale and color flow duplex ultrasound and venography for the diagnosis of venous thrombosis. Prog Clin Biol Res 1990;355:23-7

Falkai P, Schneider T, Greve B, Klieser E, Bogerts B. Reduced frontal and occipital lobe asymmetry on the CT-scans of schizophrenic patients. Its specificity and clinical significance. J Neural Transm Gen Sect 1995;99(1-3):63-77

Farrell S, Hayes T, Shaw M. A negative SimpliRED D-dimer assay result does not exclude the diagnosis of deep vein thrombosis or pulmonary embolus in emergency department patients. Ann Emerg Med 2000 Feb;35(2):121-5

Fenlon HM, Phelan N, Tierney S, Gorey T, Ennis JT. Tc-99m tetrofosmin scintigraphy as an adjunct to plain-film mammography in palpable breast lesions. Clin Radiol 1998 Jan;53(1):17-24

Feuerstein IM, Jicha DL, Pass HI, Chow CK, Chang R, Ling A, Hill SC, Dwyer AJ, Travis WD, Horowitz ME, et al. Pulmonary metastases: MR imaging with surgical correlation--a prospective study. Radiology 1992 Jan;182(1):123-9

Fexa J, Nemec J, Novak Z, Zimak J, Bednar J. Sonography in the evaluation of treatment of differentiated thyroid cancer. First results in 158 patients. Neoplasma 1990;37(4):461-5

Ficaro EP, Fessler JA, Shreve PD, Kritzman JN, Rose PA, Corbett JR. Simultaneous transmission/emission myocardial perfusion tomography. Diagnostic accuracy of attenuation-corrected 99mTc-sestamibi single-photon emission computed tomography. Circulation 1996 Feb 1;93(3):463-73

Fielding JR, Steele G, Fox LA, Heller H, Loughlin KR. Spiral computerized tomography in the evaluation of acute flank pain: a replacement for excretory urography. J Urol 1997 Jun;157(6):2071-3

Filella X, Molina R, Ballesta AM, Gil MJ, Allepuz C, Rioja LA. Value of PSA (prostate-specific antigen) in the detection of prostate cancer in patients with urological symptoms. Results of a multicentre study. Eur J Cancer 1996 Jun;32A(7):1125-8

Filippi M, Barkhof F, Bressi S, Yousry TA, Miller DH. Inter-rater variability in reporting enhancing lesions present on standard and triple dose gadolinium scans of patients with multiple sclerosis. Mult Scler 1997 Aug;3(4):226-30

Filippi M, Mastronardo G, Bastianello S, Rocca MA, Rovaris M, Gasperini C, Pozzilli C, Comi G. A longitudinal brain MRI study comparing the sensitivities of the conventional and a newer approach for detecting active lesions in multiple sclerosis. J Neurol Sci 1998 Jul 15;159(1):94-101

Filippi M, Rovaris M, Capra R, Gasperini C, Yousry TA, Sormani MP, Prandini F, Horsfield MA, Martinelli V, Bastianello S, Kuhne I, Pozzilli C, Comi G. A multi-centre longitudinal study comparing the sensitivity of monthly MRI after standard and triple dose gadolinium-DTPA for monitoring disease activity in multiple sclerosis. Implications for phase II clinical trials. Brain 1998 Oct;121 (Pt 10):2011-20

Filippi M, Yousry T, Campi A, Kandziora C, Colombo B, Voltz R, Martinelli V, Spuler S, Bressi S, Scotti G, Comi G. Comparison of triple dose versus standard dose gadolinium-DTPA for detection of MRI enhancing lesions in patients with MS. Neurology 1996 Feb;46(2):379-84

Finazzi G, Falanga A, Galli M, Cortelazzo S, Remuzzi A, Barbui T. Recombinant versus high-sensitivity conventional thromboplastin: a randomized clinical study in patients on oral anticoagulation. Thromb Haemost 1994 Dec;72(6):804-7

Fishman A, Altaras M, Bernheim J, Cohen I, Beyth Y, Tepper R. The value of transvaginal sonography in the preoperative assessment of myometrial invasion in high and low grade endometrial cancer and in comparison to frozen section in grade 1 disease. Eur J Gynaecol Oncol 2000;21(2):128-30

Flamen P, Lerut A, Van Cutsem E, De Wever W, Peeters M, Stroobants S, Dupont P, Bormans G, Hiele M, De Leyn P, Van Raemdonck D, Coosemans W, Ectors N, Haustermans K, Mortelmans L. Utility of positron emission tomography for the staging of patients with potentially operable esophageal carcinoma. J Clin Oncol 2000 Sep 15;18(18):3202-10

Fletcher BD, Kauffman WM, Kaste SC, Winer-Muram HT, Fang L, Chen G, Hudson M. Use of Tl-201 to detect untreated pediatric Hodgkin disease. Radiology 1995 Sep;196(3):851-5

Fletcher JG, Johnson CD, Welch TJ, MacCarty RL, Ahlquist DA, Reed JE, Harmsen WS, Wilson LA. Optimization of CT colonography technique: prospective trial in 180 patients. Radiology 2000 Sep;216(3):704-11

Fletcher S, Jones RG, Rayner HC, Harnden P, Hordon LD, Aaron JE, Oldroyd B, Brownjohn AM, Turney JH, Smith MA. Assessment of renal osteodystrophy in dialysis patients: use of bone alkaline phosphatase, bone mineral density and parathyroid ultrasound in comparison with bone histology. Nephron 1997;75(4):412-9

Foley EF, Kolecki RV, Schirmer BD. The accuracy of laparoscopic ultrasound in the detection of colorectal cancer liver metastases. Am J Surg 1998 Sep;176(3):262-4

Forbes K, Stevenson AJ. The use of power Doppler ultrasound in the diagnosis of isolated deep venous thrombosis of the calf. Clin Radiol 1998 Oct;53(10):752-4

Formica CA, Nieves JW, Cosman F, Garrett P, Lindsay R. Comparative assessment of bone mineral measurements using dual X-ray absorptiometry and peripheral quantitative computed tomography. Osteoporos Int 1998;8(5):460-7

Franzen C, Altfeld M, Hegener P, Hartmann P, Arendt G, Jablonowski H, Rockstroh J, Diehl V, Salzberger B, Fatkenheuer G. Limited value of PCR for detection of Toxoplasma gondii in blood from human immunodeficiency virus-infected patients. J Clin Microbiol 1997 Oct;35(10):2639-41

Franzen D, Sechtem U, Hopp HW. Comparison of angioscopic, intravascular ultrasonic, and angiographic detection of thrombus in coronary stenosis. Am J Cardiol 1998 Nov 15;82(10):1273-5, A9

Frattali CM, Sonies BC, Chi-Fishman G, Litvan I. Effects of physostigmine on swallowing and oral motor functions in patients with progressive supranuclear palsy: A pilot study. Dysphagia 1999 Summer;14(3):165-8

Freed KS, Paulson EK, Frederick MG, Preminger GM, Shusterman DJ, Keogan MT, Vieweg J, Smith RH, Nelson RC, Delong DM, Leder RA. Interobserver variability in the interpretation of unenhanced helical CT for the diagnosis of ureteral stone disease. J Comput Assist Tomogr 1998 Sep-Oct;22(5):732-7

French SD, Green S, Forbes A. Reliability of chiropractic methods commonly used to detect manipulable lesions in patients with chronic low-back pain. J Manipulative Physiol Ther 2000 May;23(4):231-8

Fridriksson T, Kini N, Walsh-Kelly C, Hennes H. Serum neuron-specific enolase as a predictor of intracranial lesions in children with head trauma: a pilot study. Acad Emerg Med 2000 Jul;7(7):816-20

Fritscher-Ravens A, Petrasch S, Reinacher-Schick A, Graeven U, Konig M, Schmiegel W. Diagnostic value of endoscopic ultrasonography-guided fine-needle aspiration cytology of mediastinal masses in patients with intrapulmonary lesions and nondiagnostic bronchoscopy. Respiration 1999;66(2):150-5

Fritscher-Ravens A, Petrasch S, Reinacher-Schick A, Graeven U, Konig M, Schmiegel W. Diagnostic value of endoscopic ultrasonography-guided fine-needle aspiration cytology of mediastinal masses in patients with intrapulmonary lesions and nondiagnostic bronchoscopy. Respiration 1999;66(2):150-5

Fritz P, Rieden K, Lenarz T, Haels J, zum Winkel K. Radiological evaluation of temporal bone disease: high-resolution computed tomography versus conventional X-ray diagnosis. Br J Radiol 1989 Feb;62(734):107-13

Fukuda H, Nakagawa T, Shibuya H. Metastases to pelvic lymph nodes from carcinoma in the pelvic cavity: diagnosis using thin-section CT. Clin Radiol 1999 Apr;54(4):237-42

Galjee MA, van Rossum AC, Doesburg T, van Eenige MJ, Visser CA. Value of magnetic resonance imaging in assessing patency and function of coronary artery bypass grafts. An angiographically controlled study. Circulation 1996 Feb 15;93(4):660-6

Gallacher SJ, Kelly P, Shand J, Logue FC, Cooke T, Boyle IT, McKillop JH. A comparison of 10 MHz ultrasound and 201-thallium/99m-technetium subtraction scanning in primary hyperparathyroidism. Postgrad Med J 1993 May;69(811):376-80

Garcia Pena BM, Mandl KD, Kraus SJ, Fischer AC, Fleisher GR, Lund DP, Taylor GA. Ultrasonography and limited computed tomography in the diagnosis and management of appendicitis in children. JAMA 1999 Sep 15;282(11):1041-6

Gardeil F, Greene R, Stuart B, Turner MJ. Subcutaneous fat in the fetal abdomen as a predictor of growth restriction. Obstet Gynecol 1999 Aug;94(2):209-12

Garg S, Fortling B, Chadwick D, Robinson MC, Hamdy FC. Staging of prostate cancer using 3-dimensional transrectal ultrasound images: a pilot study. J Urol 1999 Oct;162(4):1318-21

Garre Sanchez MC, Sola Perez J, Bas Bernal A, Mercader Martinez J, Lopez Alanis A. Ultrasound-guided fine-needle aspiration biopsy. Study of the cost per patient and comparison with computed tomography-guided biopsy. Rev Esp Enferm Dig 1997 Apr;89(4):297-304

Gasche C, Moser G, Turetschek K, Schober E, Moeschl P, Oberhuber G. Transabdominal bowel sonography for the detection of intestinal complications in Crohn's disease. Gut 1999 Jan;44(1):112-7

Gasparini M, Buraggi GL, Regalia E, Maffioli L, Balzarini L, Gennari L. Comparison of radioimmunodetection with other imaging methods in evaluating local relapses of colorectal carcinoma. Cancer 1994 Feb 1;73(3 Suppl):846-9

Gateno J, Miloro M, Hendler BH, Horrow M. The use of ultrasound to determine the position of the mandibular condyle. J Oral Maxillofac Surg 1993 Oct;51(10):1081-6; discussion 1086-7

Gautier JF, Mourier A, de Kerviler E, Tarentola A, Bigard AX, Villette JM, Guezennec CY, Cathelineau G. Evaluation of abdominal fat distribution in noninsulin-dependent diabetes mellitus: relationship to insulin resistance. J Clin Endocrinol Metab 1998 Apr;83(4):1306-11

Gdeedo A, Van Schil P, Corthouts B, Van Mieghem F, Van Meerbeeck J, Van Marck E. Comparison of imaging TNM [(i)TNM] and pathological TNM [pTNM] in staging of bronchogenic carcinoma. Eur J Cardiothorac Surg 1997 Aug;12(2):224-7

Gebel M, Caselitz M, Bowen-Davies PE, Weber S. A multicenter, prospective, open label, randomized, controlled phase IIIb study of SH U 508 a (Levovist) for Doppler signal enhancement in the portal vascular system. Ultraschall Med 1998 Aug;19(4):148-56

Gebhard F, Authenrieth M, Strecker W, Kinzl L, Hehl G. Ultrasound evaluation of gravity induced anterior drawer following anterior cruciate ligament lesion. Knee Surg Sports Traumatol Arthrosc 1999;7(3):166-72

Geijer M, Sihlbom H, Gothlin JH, Nordborg E. The role of CT in the diagnosis of sacro-iliitis. Acta Radiol 1998 May;39(3):265-8

Gentile AT, Moneta GL, Lee RW, Masser PA, Taylor LM Jr, Porter JM. Usefulness of fasting and postprandial duplex ultrasound examinations for predicting high-grade superior mesenteric artery stenosis. Am J Surg 1995 May;169(5):476-9

Gerspacher-Lara R, Pinto-Silva RA, Serufo JC, Rayes AA, Drummond SC, Lambertucci JR. Splenic palpation for the evaluation of morbidity due to schistosomiasis mansoni. Mem Inst Oswaldo Cruz 1998;93 Suppl 1:245-8

Ghaye B, Dondelinger RF, Dewe W. Percutaneous CT-guided lung biopsy: sequential versus spiral scanning. A randomized prospective study. Eur Radiol 1999;9(7):1317-20

Giancarlo T, Palmieri A, Giacomarra V, Russolo M. Pre-operative evaluation of cervical adenopathies in tumours of the upper aerodigestive tract. Anticancer Res 1998 Jul-Aug;18(4B):2805-9

Giesen RJ, Huynen AL, Aarnink RG, de la Rosette JJ, vd Kaa C, Oosterhof GO, Debruyne FM, Wijkstra H. Computer analysis of transrectal ultrasound images of the prostate for the detection of carcinoma: a prospective study in radical prostatectomy specimens. J Urol 1995 Oct;154(4):1397-400

Girschick HJ, Krauspe R, Tschammler A, Huppertz HI. Chronic recurrent osteomyelitis with clavicular involvement in children: diagnostic value of different imaging techniques and therapy with non-steroidal anti-inflammatory drugs. Eur J Pediatr 1998 Jan;157(1):28-33

Glaser J, Mann O, Pausch J. Diagnosis of chronic pancreatitis by means of a sonographic secretin test. Int J Pancreatol 1994 Jun;15(3):195-200

Glashow JL, Katz R, Schneider M, Scott WN. Double-blind assessment of the value of magnetic resonance imaging in the diagnosis of anterior cruciate and meniscal lesions. J Bone Joint Surg Am 1989 Jan;71(1):113-9

Gmeinwieser J, Feuerbach S, Hohenberger W, Albrich H, Strotzer M, Hofstadter F, Geissler A. Spiral-CT in diagnosis of vascular involvement in pancreatic cancer. Hepatogastroenterology 1995 Jul-Aug;42(4):418-22

Gnudi S, Malavolta N, Ripamonti C, Caudarella R. Ultrasound in the evaluation of osteoporosis: a comparison with bone mineral density at distal radius. Br J Radiol 1995 May;68(809):476-80

Gochman RF, Karasic RB, Heller MB. Use of portable ultrasound to assist urine collection by suprapubic aspiration. Ann Emerg Med 1991 Jun;20(6):631-5

Goessens WH, Mouton JW, van der Meijden WI, Deelen S, van Rijsoort-Vos TH, Lemmens-den Toom N, Verbrugh HA, Verkooyen RP. Comparison of three commercially available

amplification assays, AMP CT, LCx, and COBAS AMPLICOR, for detection of Chlamydia trachomatis in first-void urine. J Clin Microbiol 1997 Oct;35(10):2628-33

Goffinet F, Paris J, Heim N, Nisand I, Breart G. Predictive value of Doppler umbilical artery velocimetry in a low risk population with normal fetal biometry. A prospective study of 2016 women. Eur J Obstet Gynecol Reprod Biol 1997 Jan;71(1):11-9

Goldenberg DM, Abdel-Nabi H, Sullivan CL, Serafini A, Seldin D, Barron B, Lamki L, Line B, Wegener WA. Carcinoembryonic antigen immunoscintigraphy complements mammography in the diagnosis of breast carcinoma. Cancer 2000 Jul 1;89(1):104-15

Golebiowski M, Barcikowska M, Pfeffer A. Magnetic resonance imaging-based hippocampal volumetry in patients with dementia of the Alzheimer type. Dement Geriatr Cogn Disord 1999 Jul-Aug;10(4):284-8

Goletti O, Celona G, Galatioto C, Viaggi B, Lippolis PV, Pieri L, Cavina E. Is laparoscopic sonography a reliable and sensitive procedure for staging colorectal cancer? A comparative study. Surg Endosc 1998 Oct;12(10):1236-41

Goletti O, Celona G, Galatioto C, Viaggi B, Lippolis PV, Pieri L, Cavina E. Is laparoscopic sonography a Surg Endosc 1998 Oct;12(10):1236-41 reliable and sensitive procedure for staging colorectal cancer? A comparative study.

Gomez-Pastrana D, Torronteras R, Caro P, Anguita ML, Barrio AM, Andres A, Navarro J. Diagnosis of tuberculosis in children using a polymerase chain reaction. Pediatr Pulmonol 1999 Nov;28(5):344-51

Gordon ML, Cohen NL. Efficacy of auditory brainstem response as a screening test for small acoustic neuromas. Am J Otol 1995 Mar;16(2):136-9

Gorelik U, Ulish Y, Yagil Y. The use of standard imaging techniques and their diagnostic value in the workup of renal colic in the setting of intractable flank pain. Urology 1996 May;47(5):637-42

Gormley GJ, Ng J, Cook T, Stoner E, Guess H, Walsh P. Effect of finasteride on prostate-specific antigen density. Urology 1994 Jan;43(1):53-8; discussion 58-9

Gottlieb RH, Voci SL, Cholewinski SP, Hartley DF, Rubens DJ, Orloff MS, Bronsther OL. Sonography: a useful tool to detect the mechanical causes of renal transplant dysfunction. J Clin Ultrasound 1999 Jul-Aug;27(6):325-33

Grab D, Flock F, Stohr I, Nussle K, Rieber A, Fenchel S, Brambs HJ, Reske SN, Kreienberg R. Classification of asymptomatic adnexal masses by ultrasound, magnetic resonance imaging, and positron emission tomography. Gynecol Oncol 2000 Jun;77(3):454-9

Gracia Marco R, Aguilar Garcia-Iturrospe EJ, Fernandez Lopez L, Cejas Mendez MR, Herreros Rodriguez O, Diaz Ramirez A, Hernandez Martinez J, Keshavan MS. Hypofrontality in schizophrenia: influence of normalization methods. Prog Neuropsychopharmacol Biol Psychiatry 1997 Nov;21(8):1239-56

Grandjean H, Sarramon MF. Sonographic measurement of nuchal skinfold thickness for detection of Down syndrome in the second-trimester fetus: a multicenter prospective study. The AFDPHE Study Group. Association Francaise pour le Depistage et la Prevention des Handicaps de l'Enfant. Obstet Gynecol 1995 Jan;85(1):103-6

Grasel RP, Outwater EK, Siegelman ES, Capuzzi D, Parker L, Hussain SM. Endometrial polyps: MR imaging features and distinction from endometrial carcinoma. Radiology 2000 Jan;214(1):47-52

Grauer A, Raue F, Ziegler R. Clinical usefulness of a new chemiluminescent two-site immunoassay for human calcitonin. Exp Clin Endocrinol Diabetes 1998;106(4):353-9

Greenspan JD, Joy SE, McGillis SL, Checkosky CM, Bolanowski SJ. A longitudinal study of somesthetic perceptual disorders in an individual with a unilateral thalamic lesion. Pain 1997 Aug;72(1-2):13-25

Greenwell TJ, Woodhams S, Denton ER, MacKenzie A, Rankin SC, Popert R. One year's clinical experience with unenhanced spiral computed tomography for the assessment of acute loin pain suggestive of renal colic. BJU Int 2000 Apr;85(6):632-6.

Greim CA, Roewer N, Laux G, Schulte am Esch J. On-line estimation of left ventricular stroke volume using transoesophageal echocardiography and acoustic quantification. Br J Anaesth 1996 Sep;77(3):365-9

Greven KM, Williams DW 3rd, Keyes JW Jr, McGuirt WF, Watson NE Jr, Case LD. Can positron emission tomography distinguish tumor recurrence from irradiation sequelae in patients treated for larynx cancer? Cancer J Sci Am 1997 Nov-Dec;3(6):353-7

Grotta JC, Chiu D, Lu M, Patel S, Levine SR, Tilley BC, Brott TG, Haley EC Jr, Lyden PD, Kothari R, Frankel M, Lewandowski CA, Libman R, Kwiatkowski T, Broderick JP, Marler JR, Corrigan J, Huff S, Mitsias P, Talati S, Tanne D. Agreement and variability in the interpretation of early CT changes in stroke patients qualifying for intravenous rtPA therapy. Stroke 1999 Aug;30(8):1528-33

Grunshaw ND, Renwick IG, Scarisbrick G, Nasmyth DG. Prospective evaluation of ultrasound in distal ileal and colonic obstruction. Clin Radiol 2000 May;55(5):356-62

Grunwald F, Menzel C, Bender H, Palmedo H, Willkomm P, Ruhlmann J, Franckson T, Biersack HJ. Comparison of 18FDG-PET with 131iodine and 99mTc-sestamibi scintigraphy in differentiated thyroid cancer. Thyroid 1997 Jun;7(3):327-35

Gryspeerdt S, Clabout L, Van Hoe L, Berteloot P, Vergote IB. Intraperitoneal contrast material combined with CT for detection of peritoneal metastases of ovarian cancer. Eur J Gynaecol Oncol 1998;19(5):434-7

Guerriero S, Ajossa S, Mais V, Paoletti AM, Melis GB. The screening of tubal abnormalities in the infertile couple. J Assist Reprod Genet 1996 May;13(5):407-12

Gulec SA, Serafini AN, Moffat FL, Vargas-Cuba RD, Sfakianakis GN, Franceschi D, Crichton VZ, Subramanian R, Klein JL, De Jager RL. Radioimmunoscintigraphy of colorectal carcinoma using technetium-99m-labeled, totally human monoclonal antibody 88BV59H21-2. Cancer Res 1995 Dec 1;55(23 Suppl):5774s-5776s

Gunning MG, Anagnostopoulos C, Davies G, Knight CJ, Pennell DJ, Fox KM, Pepper J, Underwood SR. Simultaneous assessment of myocardial viability and function for the detection of hibernating myocardium using ECG-gated 99Tcm-tetrofosmin emission tomography: a comparison with 201Tl emission tomography combined with cine magnetic resonance imaging. Nucl Med Commun 1999 Mar;20(3):209-14

Gupta NC, Esterbrooks DJ, Hilleman DE, Mohiuddin SM. Comparison of adenosine and exercise thallium-201 single-photon emission computed tomography (SPECT) myocardial perfusion imaging. The GE SPECT Multicenter Adenosine Study Group. J Am Coll Cardiol 1992 Feb;19(2):248-57

Gupta NC, Graeber GM, Rogers JS 2nd, Bishop HA. Comparative efficacy of positron emission tomography with FDG and computed tomographic scanning in preoperative staging of non-small cell lung cancer. Ann Surg 1999 Feb;229(2):286-91

Gussenhoven EJ, van der Lugt A, Pasterkamp G, van den Berg FG, Sie LH, Vischjager M, The SH, Li W, Pieterman H, van Urk H. Intravascular ultrasound predictors of outcome after peripheral balloon angioplasty. Eur J Vasc Endovasc Surg 1995 Oct;10(3):279-88

Guyatt GH, Lefcoe M, Walter S, Cook D, Troyan S, Griffith L, King D, Zylak C, Hickey N, Carrier G. Interobserver variation in the computed tomographic evaluation of mediastinal lymph node size in patients with potentially resectable lung cancer. Canadian Lung Oncology Group. Chest 1995 Jan;107(1):116-9

Haferkamp A, Brkovic D, Wiesel M, Staehler G, Dorsam J. Role of color-coded Doppler sonography in the assessment of internal ureteral stent patency. J Endourol 1999 Apr;13(3):199-203

Hagspiel KD, Neidl KF, Eichenberger AC, Weder W, Marincek B. Detection of liver metastases: comparison of superparamagnetic iron oxide-enhanced and unenhanced MR imaging at 1.5 T with dynamic CT, intraoperative US, and percutaneous US. Radiology 1995 Aug;196(2):471-8

Hakim LS, Kulaksizoglu H, Mulligan R, Greenfield A, Goldstein I. Evolving concepts in the diagnosis and treatment of arterial high flow priapism. J Urol 1996 Feb;155(2):541-8

Haller H, Matecjcic N, Rukavina B, Krasevic M, Rupcic S, Mozetic D. Transvaginal sonography and hysteroscopy in women with postmenopausal bleeding. Int J Gynaecol Obstet 1996 Aug;54(2):155-9

Halligan S, Northover J, Bartram CI. Vaginal endosonography to diagnose enterocoele. Br J Radiol 1996 Nov;69(827):996-9

Halvorsen RA Jr, Panushka C, Oakley GJ, Letourneau JG, Adcock LL. Intraperitoneal contrast material improves the CT detection of peritoneal metastases. AJR Am J Roentgenol 1991 Jul;157(1):37-40

Hamann GF, Schatzer-Klotz D, Frohlig G, Strittmatter M, Jost V, Berg G, Stopp M, Schimrigk K, Schieffer H. Femoral injection of echo contrast medium may increase the sensitivity of testing for a patent foramen ovale. Neurology 1998 May;50(5):1423-8

Hans D, Srivastav SK, Singal C, Barkmann R, Njeh CF, Kantorovich E, Gluer CC, Genant HK. Does combining the results from multiple bone sites measured by a new quantitative ultrasound device improve discrimination of hip fracture? J Bone Miner Res 1999 Apr;14(4):644-51

Haramati LB. CT-guided automated needle biopsy of the chest. AJR Am J Roentgenol 1995 Jul;165(1):53-5

Harding K, Evans S, Newnham J. Screening for the small fetus: a study of the relative efficacies of ultrasound biometry and symphysiofundal height. Aust N Z J Obstet Gynaecol 1995 May;35(2):160-4

Hardy PA, Yue G. Measurement of magnetic resonance T2 for physiological experiments. J Appl Physiol 1997 Sep;83(3):904-11

Haring HP, Dilitz E, Pallua A, Hessenberger G, Kampfl A, Pfausler B, Schmutzhard E. Attenuated corticomedullary contrast: An early cerebral computed tomography sign indicating malignant middle cerebral artery infarction. A case-control study. Stroke 1999 May;30(5):1076-82

Harkins SW, Taylor JR, Mattay VS. Response to tacrine in patients with dementia of the Alzheimer's type: cerebral perfusion change is related to change in mental status. Int J Neurosci 1996 Feb;84(1-4):149-56

Harland CC, Kale SG, Jackson P, Mortimer PS, Bamber JC. Differentiation of common benign pigmented skin lesions from melanoma by high-resolution ultrasound. Br J Dermatol 2000 Aug;143(2):281-9

Harris GJ, Lewis RF, Satlin A, English CD, Scott TM, Yurgelun-Todd DA, Renshaw PF. Dynamic susceptibility contrast MR imaging of regional cerebral blood volume in Alzheimer

disease: a promising alternative to nuclear medicine. AJNR Am J Neuroradiol 1998 Oct;19(9):1727-32

Harrow EM, Abi-Saleh W, Blum J, Harkin T, Gasparini S, Addrizzo-Harris DJ, Arroliga AC, Wight G, Mehta AC. The utility of transbronchial needle aspiration in the staging of bronchogenic carcinoma. Am J Respir Crit Care Med 2000 Feb;161(2 Pt 1):601-7

Hartnell GG, Cohen MC, Meier RA, Finn JP. Magnetic resonance angiography demonstration of congenital heart disease in adults. Clin Radiol 1996 Dec;51(12):851-7

Hatsukami TS, Primozich JF, Zierler RE, Harley JD, Strandness DE Jr. Color Doppler imaging of infrainguinal arterial occlusive disease. J Vasc Surg 1992 Oct;16(4):527-31; discussion 531-3

Hatsukami TS, Ross R, Polissar NL, Yuan C. Visualization of fibrous cap thickness and rupture in human atherosclerotic carotid plaque in vivo with high-resolution magnetic resonance imaging. Circulation 2000 Aug 29;102(9):959-64

Hauge K, Flo K, Riedhart M, Granberg S. Can ultrasound-based investigations replace laparoscopy and hysteroscopy in infertility? Eur J Obstet Gynecol Reprod Biol 2000 Sep;92(1):167-70

Hawighorst H, Schoenberg SO, Knapstein PG, Knopp MV, Schaeffer U, Essig M, van Kaick G. Staging of invasive cervical carcinoma and of pelvic lymph nodes by high resolution MRI with a phased-array coil in comparison with pathological findings. J Comput Assist Tomogr 1998 Jan-Feb;22(1):75-81

Hawnaur JM, Hutchinson CE, Isherwood I. Clinical evaluation of fast spin echo sequences for cranial magnetic resonance imaging at 0.5 tesla. Br J Radiol 1994 May;67(797):423-8

Hays JT, Mahmarian JJ, Cochran AJ, Verani MS. Dobutamine thallium-201 tomography for evaluating patients with suspected coronary artery disease unable to undergo exercise or vasodilator pharmacologic stress testing. J Am Coll Cardiol 1993 Jun;21(7):1583-90

Heaney RP, Avioli LV, Chesnut CH 3rd, Lappe J, Recker RR, Brandenburger GH. Osteoporotic bone fragility. Detection by ultrasound transmission velocity. JAMA 1989 May 26;261(20):2986-90

Heinle SK, Noblin J, Goree-Best P, Mello A, Ravad G, Mull S, Mammen P, Grayburn PA. Assessment of myocardial perfusion by harmonic power Doppler imaging at rest and during adenosine stress: comparison with (99m)Tc-sestamibi SPECT imaging. Circulation 2000 Jul 4;102(1):55-60

Heinzen MT, Yankaskas BC, Kwok RK. Comparison of woman-specific versus breast-specific data for reporting screening mammography performance. Acad Radiol 2000 Apr;7(4):232-6

Helms G, Stawiarz L, Kivisakk P, Link H. Regression analysis of metabolite concentrations estimated from localized proton MR spectra of active and chronic multiple sclerosis lesions. Magn Reson Med 2000 Jan;43(1):102-10

Hems TE, Birch R, Carlstedt T. The role of magnetic resonance imaging in the management of traction injuries to the adult brachial plexus. J Hand Surg [Br] 1999 Oct;24(5):550-5

Hendel RC, Berman DS, Cullom SJ, Follansbee W, Heller GV, Kiat H, Groch MW, Mahmarian JJ. Multicenter clinical trial to evaluate the efficacy of correction for photon attenuation and scatter in SPECT myocardial perfusion imaging. Circulation 1999 Jun 1;99(21):2742-9

Hendrix NW, Grady CS, Chauhan SP. Clinical vs. sonographic estimate of birth weight in term parturients. A randomized clinical trial. J Reprod Med 2000 Apr;45(4):317-22

Herholz K, Holzer T, Bauer B, Schroder R, Voges J, Ernestus RI, Mendoza G, Weber-Luxenburger G, Lottgen J, Thiel A, Wienhard K, Heiss WD. 11C-methionine PET for differential diagnosis of low-grade gliomas. Neurology 1998 May;50(5):1316-22

Herlitz H, Landin K, Widgren B. Relationship between sodium-lithium countertransport and insulin sensitivity in mild hypertension. J Intern Med 1996 Mar;239(3):235-40

Heussel CP, Kauczor HU, Heussel GE, Fischer B, Begrich M, Mildenberger P, Thelen M. Pneumonia in febrile neutropenic patients and in bone marrow and blood stem-cell transplant recipients: use of high-resolution computed tomography. J Clin Oncol 1999 Mar;17(3):796-805

Hibbard JU, Tart M, Moawad AH. Cervical length at 16-22 weeks' gestation and risk for preterm delivery. Obstet Gynecol 2000 Dec;96(6):972-8

Hill R, Conron R, Greissinger P, Heller M. Ultrasound for the detection of foreign bodies in human tissue. Ann Emerg Med 1997 Mar;29(3):353-6

Hinkle GH, Burgers JK, Neal CE, Texter JH, Kahn D, Williams RD, Maguire R, Rogers B, Olsen JO, Badalament RA. Multicenter radioimmunoscintigraphic evaluation of patients with prostate carcinoma using indium-111 capromab pendetide. Cancer 1998 Aug 15;83(4):739-47

Ho YL, Lin LC, Yen RF, Wu CC, Chen MF, Huang PJ. Significance of dobutamine-induced ST-segment evaluation and T-wave pseudonormalization in patients with Q-wave myocardial infarction: simultaneous evaluation by dobutamine stress echocardiography and thallium-201 SPECT. Am J Cardiol 1999 Jul 15;84(2):125-9

Hockel M, Vorndran B, Schlenger K, Baussmann E, Knapstein PG. Tumor oxygenation: a new predictive parameter in locally advanced cancer of the uterine cervix. Gynecol Oncol 1993 Nov;51(2):141-9

Hoegerle S, Altehoefer C, Ghanem N, Brink I, Moser E, Nitzsche E. 18F-DOPA positron emission tomography for tumour detection in patients with medullary thyroid carcinoma and elevated calcitonin levels. Eur J Nucl Med 2001 Jan;28(1):64-71

Hoekstra HJ, Boeve WJ, Kamman RL, Mooyaart EL. Clinical applicability of human in vivo localized phosphorus-31 magnetic resonance spectroscopy of bone and soft tissue tumors. Ann Surg Oncol 1994 Nov;1(6):504-11

Holden A. The role of colour and duplex Doppler ultrasound in the assessment of thyroid nodules. Australas Radiol 1995 Nov;39(4):343-9

Hollenbeck M, Hilbert N, Meusel F, Grabensee B. Increasing sensitivity and specificity of Doppler sonographic detection of renal transplant rejection with serial investigation technique. Clin Investig 1994 Aug;72(8):609-15

Homsy YL, Tripp BM, Lambert R, Campos A, Capolicchio G, Dinh L, Chheda H. The captopril renogram: a new tool for diagnosing and predicting obstruction in childhood hydronephrosis. J Urol 1998 Oct;160(4):1446-9

Hopper KD, Keeton NC, Kasales CJ, Mahraj R, Van Slyke MA, Patrone SV, Singer PS, Tenhave TR. Utility of low mA 1.5 pitch helical versus conventional high mA abdominal CT. Clin Imaging 1998 Jan-Feb;22(1):54-9

Hori M, Murakami T, Kim T, Takahashi S, Oi H, Tomoda K, Narumi Y, Nakamura H. Sensitivity of double-phase helical CT during arterial portography for detection of hypervascular hepatocellular carcinoma. J Comput Assist Tomogr 1998 Nov-Dec;22(6):861-7

Hosotani H, Ohashi Y, Yamada M, Tsubota K. Reversal of abnormal corneal epithelial cell morphologic characteristics and reduced corneal sensitivity in diabetic patients by aldose reductase inhibitor, CT-112. Am J Ophthalmol 1995 Mar;119(3):288-94

Hricak H, White S, Vigneron D, Kurhanewicz J, Kosco A, Levin D, Weiss J, Narayan P, Carroll PR. Carcinoma of the prostate gland: MR imaging with pelvic phased-array coils versus integrated endorectal--pelvic phased-array coils. Radiology 1994 Dec;193(3):703-9

Huang JA, Wang PY, Chang MC, Chia LG, Yang DY, Wu TC. Allen score in clinical diagnosis of intracranial hemorrhage. Zhonghua Yi Xue Za Zhi (Taipei) 1994 Dec;54(6):407-11

Huang PJ, Yen RF, Chieng PU, Chen ML, Su CT. Do beta-blockers affect the diagnostic sensitivity of dobutamine stress thallium-201 single photon emission computed tomographic imaging? J Nucl Cardiol 1998 Jan-Feb;5(1):34-9

Huang TJ, Chen CY, Fan GF, Liao YS, Tu YK, Wong HF, Hsu RW. Posterior bow and vanishing line signs in diagnosis of burst fractures of the spine on plain radiographs. J Formos Med Assoc 1996 Dec;95(12):929-32

Huang Z, Komori S, Sawanobori T, Kohno I, Sano S, Ishihara T, Umetani K, Ijiri H, Koizumi K, Araki T, Kamiya K, Tada Y, Tamura K. Dipyridamole thallium-201 single-photon emission computed tomography for prediction of perioperative cardiac events in patients with arteriosclerosis obliterans undergoing vascular surgery. Jpn Circ J 1998 Apr;62(4):274-8

Hundley WG, Hamilton CA, Thomas MS, Herrington DM, Salido TB, Kitzman DW, Little WC, Link KM. Utility of fast cine magnetic resonance imaging and display for the detection of myocardial ischemia in patients not well suited for second harmonic stress echocardiography. Circulation 1999 Oct 19;100(16):1697-702

Hunerbein M, Rau B, Schlag PM. Laparoscopy and laparoscopic ultrasound for staging of upper gastrointestinal tumours. Eur J Surg Oncol 1995 Feb;21(1):50-5

Hunerbein M, Totkas S, Moesta KT, Ulmer C, Handke T, Schlag PM. The role of transrectal ultrasound-guided biopsy in the postoperative follow-up of patients with rectal cancer. Surgery 2001 Feb;129(2):164-9

Husband DJ, Grant KA, Romaniuk CS. MRI in the diagnosis and treatment of suspected malignant spinal cord compression. Br J Radiol 2001 Jan;74(877):15-23

Hustinx R, Paulus P, Jacquet N, Jerusalem G, Bury T, Rigo P. Clinical evaluation of whole-body 18F-fluorodeoxyglucose positron emission tomography in the detection of liver metastases. Ann Oncol 1998 Apr;9(4):397-401

Hutchinson M, Rusinek H, Nenov VI, Feinberg DA, Johnson G. Segmentation analysis in functional MRI: activation sensitivity and gray-matter specificity of RARE and FLASH. J Magn Reson Imaging 1997 Mar-Apr;7(2):361-4

Ihlberg L, Alback A, Roth WD, Edgren J, Lepantalo M. Interobserver agreement in duplex scanning for vein grafts. Eur J Vasc Endovasc Surg 2000 May;19(5):504-8

Ikezoe J, Kadowaki K, Morimoto S, Takashima S, Kozuka T, Nakahara K, Kuwahara O, Takeuchi N, Yasumitsu T, Nakano N, et al. Mediastinal lymph node metastases from nonsmall cell bronchogenic carcinoma: reevaluation with CT. J Comput Assist Tomogr 1990 May-Jun;14(3):340-4

Imanishi M, Yano M, Okumura M, Kimura G, Kawano Y, Oda J, Hayashida K, Ishida Y, Takamiya M, Omae T. Aspirin renography in diagnosis of unilateral renovascular hypertension. Hypertens Res 1998 Sep;21(3):209-13

Imbeault P, Prud'Homme D, Tremblay A, Despres JP, Mauriege P. Adipose tissue metabolism in young and middle-aged men after control for total body fatness. J Clin Endocrinol Metab 2000 Jul;85(7):2455-62

Imbriaco M, Del Vecchio S, Riccardi A, Pace L, Di Salle F, Di Gennaro F, Salvatore M, Sodano A. Scintimammography with 99mTc-MIBI versus dynamic MRI for non-invasive characterization of breast masses. Eur J Nucl Med 2001 Jan;28(1):56-63

Indinnimeo M, Cicchini C, Stazi A, Alessandrini G, Ghini C, Fanelli F, Pavone P. Magnetic resonance imaging using endoanal coil in anal canal tumors after radiochemotherapy or local excision. Int Surg 2000 Apr-Jun;85(2):143-6

Ishii K, Sasaki M, Matsui M, Sakamoto S, Yamaji S, Hayashi N, Mori T, Kitagaki H, Hirono N, Mori E. A diagnostic method for suspected Alzheimer's disease using H(2)15O positron emission tomography perfusion Z score. Neuroradiology 2000 Nov;42(11):787-94

Jacobs I, Stabile I, Bridges J, Kemsley P, Reynolds C, Grudzinskas J, Oram D. Multimodal approach to screening for ovarian cancer. Lancet 1988 Feb 6;1(8580):268-71

Jager HR, Albrecht T, Curati-Alasonatti WL, Williams EJ, Haskard DO. MRI in neuro-Behcet's syndrome: comparison of conventional spin-echo and FLAIR pulse sequences. Neuroradiology 1999 Oct;41(10):750-8

Jager L, Menauer F, Holzknecht N, Scholz V, Grevers G, Reiser M. Sialolithiasis: MR sialography of the submandibular duct--an alternative to conventional sialography and US? Radiology 2000 Sep;216(3):665-71

Jalili M, Crade M, Davis AL. Carotid blood-flow velocity changes detected by Doppler ultrasound in determination of brain death in children. A preliminary report. Clin Pediatr (Phila) 1994 Nov;33(11):669-74

Jenkins CN, Thuau H. Ultrasound imaging in assessment of fractures of the orbital floor. Clin Radiol 1997 Sep;52(9):708-11

Johannsson G, Marin P, Lonn L, Ottosson M, Stenlof K, Bjorntorp P, Sjostrom L, Bengtsson BA. Growth hormone treatment of abdominally obese men reduces abdominal fat mass, improves glucose and lipoprotein metabolism, and reduces diastolic blood pressure. J Clin Endocrinol Metab 1997 Mar;82(3):727-34

Johansson M, Jensen G, Aurell M, Friberg P, Herlitz H, Klingenstierna H, Volkmann R. Evaluation of duplex ultrasound and captopril renography for detection of renovascular hypertension. Kidney Int 2000 Aug;58(2):774-82

Johnson LL, Seldin DW. Clinical experience with technetium-99m teboroxime, a neutral, lipophilic myocardial perfusion imaging agent. Am J Cardiol 1990 Oct 16;66(13):63E-67E

Johnson LL, Seldin DW. The role of antimyosin antibodies in acute myocardial infarction. Semin Nucl Med 1989 Jul;19(3):238-46

Johnson MB, Wilkinson ID, Wattam J, Venables GS, Griffiths PD. Comparison of Doppler ultrasound, magnetic resonance angiographic techniques and catheter angiography in evaluation of carotid stenosis. Clin Radiol 2000 Dec;55(12):912-20

Johnson PT, Halpern EJ, Kuszyk BS, Heath DG, Wechsler RJ, Nazarian LN, Gardiner GA, Levin DC, Fishman EK. Renal artery stenosis: CT angiography--comparison of real-time volume-rendering and maximum intensity projection algorithms. Radiology 1999 May;211(2):337-43

Jones L, Pressdee DJ, Lamont PM, Baird RN, Murphy KP A phase contrast (PC) rephase/dephase sequence of magnetic resonance angiography (MRA): a new technique for imaging distal run-off in the pre-operative evaluation of peripheral vascular disease. Clin Radiol 1998 May;53(5):333-7

Jongbloets LM, Lensing AW, Koopman MM, Buller HR, ten Cate JW. Limitations of compression ultrasound for the detection of symptomless postoperative deep vein thrombosis. Lancet 1994 May 7;343(8906):1142-4

Joseph DP, Pieramici DJ, Beauchamp NJ Jr. Computed tomography in the diagnosis and prognosis of open-globe injuries. Ophthalmology 2000 Oct;107(10):1899-906

Jouglard J, Kozak-Ribbens G, de Haro L, Cozzone PJ. Research into individual predisposition to develop acute rhabdomyolysis attributed to fenoverine. Hum Exp Toxicol 1996 Oct;15(10):815-20

Joypaul BV, Kennedy N, Hanson J, Holley M, Browning M, Newman EL, Cuschieri A. Immunoscintigraphy of primary colorectal cancers with indium-111 monoclonal antibody B72.3. J R Coll Surg Edinb 1994 Feb;39(1):39-43

Jucquois I, Nihoyannopoulos P, D'Hondt AM, Roelants V, Robert A, Melin JA, Glass D, Vanoverschelde JL. Comparison of myocardial contrast echocardiography with NC100100 and (99m)Tc sestamibi SPECT for detection of resting myocardial perfusion abnormalities in patients with previous myocardial infarction. Heart 2000 May;83(5):518-24

Juweid M, Sharkey RM, Behr T, Swayne LC, Rubin AD, Hanley D, Herskovic T, Markowitz A, Siegel J, Goldenberg DM. Targeting and initial radioimmunotherapy of medullary thyroid carcinoma with 131I-labeled monoclonal antibodies to carcinoembryonic antigen. Cancer Res 1995 Dec 1;55(23 Suppl):5946s-5951s

Kacl GM, Hagspiel KD, Marincek B. Focal nodular hyperplasia of the liver: serial MRI with Gd-DOTA, superparamagnetic iron oxide, and Gd-EOB-DTPA. Abdom Imaging 1997 May-Jun;22(3):264-

Kallen K, Burtscher IM, Holtas S, Ryding E, Rosen I. 201Thallium SPECT and 1H-MRS compared with MRI in chemotherapy monitoring of high-grade malignant astrocytomas. J Neurooncol 2000;46(2):173-85

Kallen K, Geijer B, Malmstrom P, Andersson AM, Holtas S, Ryding E, Rosen I. Quantitative 201Tl SPET imaging in the follow-up of treatment for brain tumour: a sensitive tool for the early identification of response to chemotherapy? Nucl Med Commun 2000 Mar;21(3):259-67

Kallikazaros IE, Tsioufis CP, Stefanadis CI, Pitsavos CE, Toutouzas PK. Closed relation between carotid and ascending aortic atherosclerosis in cardiac patients. Circulation 2000 Nov 7;102(19 Suppl 3):III263-8

Kalofonos HP, Giannakenas C, Kosmas C, Apostolopoulos D, Onienadum A, Petsas T, Dimopoulos D, Epenetos AA, Vassilakos PJ. Radioimmunoscintigraphy in patients with ovarian cancer. Acta Oncol 1999;38(5):629-34

Kandarpa K, Piwnica-Worms D, Chopra PS, Admas DF, Hunink MG, Donaldson MC, Whittemore AD, Mannick JA, Harrington DP. Prospective double-blinded comparison of MR imaging and aortography in the preoperative evaluation of abdominal aortic aneurysms. J Vasc Interv Radiol 1992 Feb;3(1):83-9

Kaneko T, Nakao A, Inoue S, Harada A, Nonami T, Itoh S, Endo T, Takagi H. Intraportal endovascular ultrasonography in the diagnosis of portal vein invasion by pancreatobiliary carcinoma. Ann Surg 1995 Dec;222(6):711-8

Kaneko T, Nakao A, Nomoto S, Endo T, Ito S, Takagi H. Intraportal endovascular ultrasonography for assessment of vascular invasion by biliary tract cancer. Gastrointest Endosc 1998 Jan;47(1):33-41

Karadeniz T, Topsakal M, Ariman A, Erton H, Basak D. Judgment of color Doppler ultrasound with respect to cavernous artery occlusion pressure in dynamic infusion cavernosometry when evaluating arteriogenic impotence. Urol Int 1996;57(2):85-8

Karadeniz T, Topsakal M, Aydogmus A, Beksan M. Role of RigiScan in the etiologic differential diagnosis of erectile dysfunction. Urol Int 1997;59(1):41-5

Karlsson B, Granberg S, Hellberg P, Wikland M. Comparative study of transvaginal sonography and hysteroscopy for the detection of pathologic endometrial lesions in women with postmenopausal bleeding. J Ultrasound Med 1994 Oct;13(10):757-62

Katzenwadel A, Popken G, Buitrago-Tellez CH, Schultze-Seemann W, Langer M, Sommerkamp H. Digitization and postprocessing of plain-film radiographs for assessment of stone fragmentation after extracorporeal shockwave lithotripsy. J Endourol 1995 Dec;9(6):433-8

Kaul S, Senior R, Dittrich H, Raval U, Khattar R, Lahiri A. Detection of coronary artery disease with myocardial contrast echocardiography: comparison with 99mTc-sestamibi single-photon emission computed tomography.

Kazam E, Rudelli R, Monte W, Rubenstein WA, Ramirez de Arellano E, Kairam R, Paneth N. Sonographic diagnosis of cisternal subarachnoid hemorrhage in the premature infant. AJNR Am J Neuroradiol 1994 Jun;15(6):1009-20

Keberle M, Kenn W, Tschammler A, Wittenberg G, Hilgarth M, Hoppe F, Hahn D. Current value of double-contrast pharyngography and of computed tomography for the detection and for staging of hypopharyngeal, oropharyngeal and supraglottic tumors. Eur Radiol 1999;9(9):1843-50

Kedar RP, Cosgrove D, McCready VR, Bamber JC, Carter ER. Microbubble contrast agent for color Doppler US: effect on breast masses. Work in progress. Radiology 1996 Mar;198(3):679-86

Keevil SF, Alstead EM, Dolke G, Brooks AP, Armstrong P, Farthing MJ. Non-invasive assessment of diffuse liver disease by in vivo measurement of proton nuclear magnetic resonance relaxation times at 0.08 T. Br J Radiol 1994 Nov;67(803):1083-7

Keijer JT, van Rossum AC, van Eenige MJ, Bax JJ, Visser FC, Teule JJ, Visser CA. Magnetic resonance imaging of regional myocardial perfusion in patients with single-vessel coronary artery disease: quantitative comparison with (201)Thallium-SPECT and coronary angiography. J Magn Reson Imaging 2000 Jun;11(6):607-15

Kelly IE, Han TS, Walsh K, Lean ME. Effects of a thiazolidinedione compound on body fat and fat distribution of patients with type 2 diabetes. Diabetes Care 1999 Feb;22(2):288-93

Keltner JL, Johnson CA, Spurr JO, Beck RW. Visual field profile of optic neuritis. One-year follow-up in the Optic Neuritis Treatment Trial. Arch Ophthalmol 1994 Jul;112(7):946-53

Kemeny V, Droste DW, Hermes S, Nabavi DG, Schulte-Altedorneburg G, Siebler M, Ringelstein EB. Automatic embolus detection by a neural network. Stroke 1999 Apr;30(4):807-10

Kermode J, Butt W, Shann F. Comparison between prostaglandin E1 and epoprostenol (prostacyclin) in infants after heart surgery. Br Heart J 1991 Aug;66(2):175-8

Kessler O, Franco I, Jayabose S, Reda E, Levitt S, Brock W. Is contralateral exploration of the kidney necessary in patients with Wilms tumor? J Urol 1996 Aug;156(2 Pt 2):693-5

Khalkhali I, Iraniha S, Cutrone JA, Diggles LE, Klein SR. Scintimammography with Tc-99m sestamibi. Acta Med Austriaca 1997;24(2):46-9

Khalkhali I, Villanueva-Meyer J, Edell SL, Connolly JL, Schnitt SJ, Baum JK, Houlihan MJ, Jenkins RM, Haber SB. Diagnostic accuracy of 99mTc-sestamibi breast imaging: multicenter trial results. J Nucl Med 2000 Dec;41(12):1973-9

Khaw KT, Saverymuttu SH, Joseph AE. Correlation of 111indium WBC scintigraphy with ultrasound in the detection and assessment of inflammatory bowel disease. Clin Radiol 1990 Dec;42(6):410-3

Kiat H, Iskandrian AS, Villegas BJ, Starling MR, Berman DS. Arbutamine stress thallium-201 single-photon emission computed tomography using a computerized closed-loop delivery system. Multicenter trial for evaluation of safety and diagnostic accuracy. The International Arbutamine Study Group. J Am Coll Cardiol 1995 Nov 1;26(5):1159-67

Kikuchi A, Sultana J, Okai T, Kobayashi K, Taketani Y. Intrauterine sonography for preoperative assessment of cervical invasion in endometrial carcinoma. Gynecol Oncol 1997 Jun;65(3):415-20

Kim JJ, Jung HC, Song IS, Choi KW, Kim CY, Han JK, Choi BI, Park JG, Lee KU, Choe KJ, Kim WH. Preoperative evaluation of the curative resectability of gastric cancer by abdominal computed tomography and ultrasonography: a prospective comparison study. Korean J Intern Med 1997 Jan;12(1):1-6

Kim NK, Choi JS, Sohn SK, Min JS. Transrectal ultrasonography in preoperative staging of rectal cancer. Yonsei Med J 1994 Dec;35(4):396-403

Kinoshita T, Okudera T, Tamura H, Ogawa T, Hatazawa J. Assessment of lacunar hemorrhage associated with hypertensive stroke by echo-planar gradient-echo T2*-weighted MRI. Stroke 2000 Jul;31(7):1646-50

Kirchhof K, Hahnel S, Jansen O, Zake S, Sartor K. Gadolinium-enhanced magnetic resonance dacryocystography in patients with epiphora. J Comput Assist Tomogr 2000 Mar-Apr;24(2):327-31

Kisilevsky BS, Muir DW, Low JA. Maturation of responses elicited by a vibroacoustic stimulus in a group of high-risk fetuses. Matern Child Nurs J 1990 Fall;19(3):239-50

Klijanienko J, Cote JF, Thibault F, Zafrani B, Meunier M, Clough K, Asselain B, Vielh P. Ultrasound-guided fine-needle aspiration cytology of nonpalpable breast lesions: Institut Curie's experience with 198 histologically correlated cases. Cancer 1998 Feb 25;84(1):36-41

Knapp R, Frauscher F, Helweg G, Judmaier W, Strasser H, Bartsch G, zur Nedden D. Blood pressure changes after extracorporeal shock wave nephrolithotripsy: prediction by intrarenal resistive index. Eur Radiol 1996;6(5):665-9

Knecht MF, Heinrich F. Clinical evaluation of an immunoturbidimetric D-dimer assay in the diagnostic procedure of deep vein thrombosis and pulmonary embolism. Thromb Res 1997 Dec 1;88(5):413-7

Knollmann FD, Bocksch W, Spiegelsberger S, Hetzer R, Felix R, Hummel M. Electron-beam computed tomography in the assessment of coronary artery disease after heart transplantation. Circulation 2000 May 2;101(17):2078-82

Ko YS, Lin LH, Chen DF. Laboratory aid and ultrasonography in the diagnosis of appendicitis in children. Zhonghua Min Guo Xiao Er Ke Yi Xue Hui Za Zhi 1995 Nov-Dec;36(6):415-9

Kofinas AD, Penry M, Hatjis CG. Compliance-weight deficit index. Combining umbilical artery resistance and growth deficit for predicting intrauterine growth retardation and poor perinatal outcome. J Reprod Med 1994 Aug;39(8):595-600

Kogutt MS, Goldwag SS, Gupta KL, Kaneko K, Humbert JR. Correlation of transcranial Doppler ultrasonography with MRI and MRA in the evaluation of sickle cell disease patients with prior stroke. 254: Pediatr Radiol 1994;24(3):204-6

Kohler A, Hoffmann R, Platz A, Bino M. Diagnostic value of duplex ultrasound and liquid crystal contact thermography in preclinical detection of deep vein thrombosis after proximal femur fractures. Arch Orthop Trauma Surg 1998;117(1-2):39-42

Kohlhaufl M, Brand P, Selzer T, Scheuch G, Meyer T, Weber N, Schulz H, Haussinger K, Heyder J. Diagnosis of emphysema in patients with chronic bronchitis: a new approach. Eur Respir J 1998 Oct;12(4):793-8

Koito K, Namieno T, Ichimura T, Hirokawa N, Syonai T, Hareyama M, Katsuramaki T, Hirata K, Nishi M. Power Doppler sonography: evaluation of hepatocellular carcinoma after treatment with transarterial embolization or percutaneous ethanol injection therapy. AJR Am J Roentgenol 2000 Feb;174(2):337-41

Kole AC, Plukker JT, Nieweg OE, Vaalburg W. Positron emission tomography for staging of oesophageal and gastroesophageal malignancy. Br J Cancer 1998 Aug;78(4):521-7

Kolecki RV, Golub RM, Sigel B, Machi J, Kitamura H, Hosokawa T, Justin J, Schwartz J, Zaren HA. Accuracy of viscera slide detection of abdominal wall adhesions by ultrasound. Surg Endosc 1994 Aug;8(8):871-4

Kook SH, Park HW, Lee YR, Lee YU, Pae WK, Park YL. Evaluation of solid breast lesions with power Doppler sonography. J Clin Ultrasound 1999 Jun;27(5):231-7

Kopf D, Bockisch A, Steinert H, Hahn K, Beyer J, Neumann HP, Hensen J, Lehnert H. Octreotide scintigraphy and catecholamine response to an octreotide challenge in malignant phaeochromocytoma. Clin Endocrinol (Oxf) 1997 Jan;46(1):39-44

Korner T, Kropf J, Gressner AM. Serum laminin and hyaluronan in liver cirrhosis: markers of progression with high prognostic value. J Hepatol 1996 Nov;25(5):684-8

Korogi Y, Takahashi M, Katada K, Ogura Y, Hasuo K, Ochi M, Utsunomiya H, Abe T, Imakita S. Intracranial aneurysms: detection with three-dimensional CT angiography with volume rendering--comparison with conventional angiographic and surgical findings. Radiology 1999 May;211(2):497-506

Kostakoglu L, Divgi CR, Hilton S, Cordon-Cardo C, Scott AM, Kalaigian H, Finn RD, Schlom J, Larson SM. Preselection of patients with high TAG-72 antigen expression leads to targeting of 94% of known metastatic tumor sites with monoclonal antibody I-131-CC49. Cancer Invest 1994;12(6):551-8

Koudriavtseva T, Pozzilli C, Di Biasi C, Iannilli M, Trasimeni G, Gasperini C, Argentino C, Gualdi GF. High-dose contrast-enhanced MRI in multiple sclerosis. Neuroradiology 1996 May;38 Suppl 1:S5-9

Kovacs JA, Urowitz MB, Gladman DD, Zeman R. The use of single photon emission computerized tomography in neuropsychiatric SLE: a pilot study. J Rheumatol 1995 Jul;22(7):1247-53

Kowalchuk RM, Kneeland JB, Dalinka MK, Siegelman ES, Dockery WD. MRI of the knee: value of short echo time fast spin-echo using high performance gradients versus conventional spin-echo imaging for the detection of meniscal tears. Skeletal Radiol 2000 Sep;29(9):520-4

Kraft E, Schwarz J, Trenkwalder C, Vogl T, Pfluger T, Oertel WH. The combination of hypointense and hyperintense signal changes on T2-weighted magnetic resonance imaging sequences: a specific marker of multiple system atrophy? Arch Neurol 1999 Feb;56(2):225-8

Kramer BS, Gohagan J, Prorok PC, Smart C. A National Cancer Institute sponsored screening trial for prostatic, lung, colorectal, and ovarian cancers. Cancer 1993 Jan 15;71(2 Suppl):589-93

Kramer S, Schulz-Wendtland R, Hagedorn K, Bautz W, Lang N. Magnetic resonance imaging and its role in the diagnosis of multicentric breast cancer. Anticancer Res 1998 May-Jun;18(3C):2163-4

Kramer S, Schulz-Wendtland R, Hagedorn K, Bautz W, Lang N. Magnetic resonance imaging in the diagnosis of local recurrences in breast cancer.

Krasna MJ, Mao YS, Sonett J, Gamliel Z. The role of thoracoscopic staging of esophageal cancer patients. Eur J Cardiothorac Surg 1999 Sep;16 Suppl 1:S31-3

Krause M, Weindler J, Ruprecht KW. Does warming of anesthetic solutions improve analgesia and akinesia in retrobulbar anesthesia? Ophthalmology 1997 Mar;104(3):429-32

Krause T, Eisenmann N, Reinhardt M, Bathmann J, Altehoefer C, Finke J, Moser E. Bone marrow scintigraphy using technetium-99m antigranulocyte antibody in malignant lymphomas. Ann Oncol 1999 Jan;10(1):79-85

Kroboth PD, Folan MM, Bauer KS, Tullock W, Wright CE, Sweeney JA. Do alprazolam-induced changes in saccadic eye movement and psychomotor function follow the same time course? J Clin Pharmacol 1998 Apr;38(4):337-46

Krouse JH. Computed tomography stage, allergy testing, and quality of life in patients with sinusitis. Otolaryngol Head Neck Surg 2000 Oct;123(4):389-92

Krumme B, Blum U, Schwertfeger E, Flugel P, Hollstin F, Schollmeyer P, Rump LC. Diagnosis of renovascular disease by intra- and extrarenal Doppler scanning. Kidney Int 1996 Oct;50(4):1288-92

Krupnick AS, Teitelbaum DH, Geiger JD, Strouse PJ, Cox CS, Blane CE, Polley TZ. Use of abdominal ultrasonography to assess pediatric splenic trauma. Potential pitfalls in the diagnosis. Ann Surg 1997 Apr;225(4):408-14

Kuhl CK, Mielcareck P, Klaschik S, Leutner C, Wardelmann E, Gieseke J, Schild HH. Dynamic breast MR imaging: are signal intensity time course data useful for differential diagnosis of enhancing lesions? Radiology 1999 Apr;211(1):101-10

Kuhn H, Gietzen FH, Leuner C, Schafers M, Schober O, Strunk-Muller C, Obergassel L, Freick M, Gockel B, Lieder F, Raute-Kreinsen U. Transcoronary ablation of septal hypertrophy (TASH): a new treatment option for hypertrophic obstructive cardiomyopathy. Z Kardiol 2000;89 Suppl 4:IV41-54

Kulkarni AV, Chumas PD, Drake JM, Armstrong DC. The reliability of the "absent cistern sign" in assessing LP shunt function. Can J Neurol Sci 1999 Feb;26(1):40-3

Kuo PC, Alfrey EJ, Li K, Vagelos R, Valantine H, Garcia G, Dafoe DC. Magnetic resonance imaging-derived parameter of portal flow predicts volume-mediated pulmonary hypertension in liver transplantation candidates. Surgery 1995 Oct;118(4):685-91

Kurita Y, Suzuki A, Masuda H, Ushiyama T, Suzuki K, Fujita K. Transition zone volume-adjusted prostate-specific antigen value predicts extracapsular carcinoma of the prostate in patients with intermediate prostate-specific antigen levels. Eur Urol 1998;33(1):32-8

Kuroda Y, Matsui M, Yukitake M, Kurohara K, Takashima H, Takashima Y, Endo C, Kato A, Mihara F. Assessment of MRI criteria for MS in Japanese MS and HAM/TSP. Neurology 1995 Jan;45(1):30-3

Kurtaran A, Leimer M, Kaserer K, Yang Q, Angelberger P, Niederle B, Virgolini I. Combined use of 111In-DTPA-D-Phe-1-octreotide (OCT) and 123I-vasoactive intestinal peptide (VIP) in the localization diagnosis of medullary thyroid carcinoma (MTC). Nucl Med Biol 1996 May;23(4):503-7

Kurtz AB, Tsimikas JV, Tempany CM, Hamper UM, Arger PH, Bree RL, Wechsler RJ, Francis IR, Kuhlman JE, Siegelman ES, Mitchell DG, Silverman SG, Brown DL, Sheth S, Coleman BG,

Ellis JH, Kurman RJ, Caudry DJ, McNeil BJ. Diagnosis and staging of ovarian cancer: comparative values of Doppler and conventional US, CT, and MR imaging correlated with surgery and histopathologic analysis--report of the Radiology Diagnostic Oncology Group. Radiology 1999 Jul;212(1):19-27

Kwong JS, Adler BD, Padley SP, Muller NL. Diagnosis of diseases of the trachea and main bronchi: chest radiography vs CT. AJR Am J Roentgenol 1993 Sep;161(3):519-22

Laakso MP, Soininen H, Partanen K, Lehtovirta M, Hallikainen M, Hanninen T, Helkala EL, Vainio P, Riekkinen PJ Sr. MRI of the hippocampus in Alzheimer's disease: sensitivity, specificity, and analysis of the incorrectly classified subjects. Neurobiol Aging 1998 Jan-Feb;19(1):23-31

Laczika K, Mitterbauer G, Korninger L, Knobl P, Schwarzinger I, Kapiotis S, Haas OA, Kyrle PA, Pont J, Oehler L, et al. Rapid achievement of PML-RAR alpha polymerase chain reaction (PCR)-negativity by combined treatment with all-trans-retinoic acid and chemotherapy in acute promyelocytic leukemia: a pilot study. Leukemia 1994 Jan;8(1):1-5

Lahde S, Hyrynkangas K, Merikanio J, Pokela R, Jokinen K, Karkola P. Computed tomography and mediastinoscopy in the assessment of resectability of lung cancer. Acta Radiol 1989 Mar-Apr;30(2):169-73

Laine K, Maatta T, Varonen H, Makela M. Diagnosing acute maxillary sinusitis in primary care: a comparison of ultrasound, clinical examination and radiography. Rhinology 1998 Mar;36(1):2-6

Laissy JP, Blanc F, Soyer P, Assayag P, Sibert A, Tebboune D, Arrive L, Brochet E, Hvass U, Langlois J, et al. Thoracic aortic dissection: diagnosis with transesophageal echocardiography versus MR imaging. Radiology 1995 Feb;194(2):331-6

Laissy JP, Menegazzo D, Debray MP, Toublanc M, Ravery V, Dumont E, Schouman-Claeys E. Renal carcinoma: diagnosis of venous invasion with Gd-enhanced MR venography. Eur Radiol 2000;10(7):1138-43

Laivuori HM, Laakso M, Tikkanen MJ, Cacciatore B, Ylikorkala RO, Kaaja RJ. Short-term metabolic effects of isradipine and metoprolol in pre-eclampsia. J Hypertens 1999 Aug;17(8):1189-94

Lane MJ, Liu DM, Huynh MD, Jeffrey RB Jr, Mindelzun RE, Katz DS. Suspected acute appendicitis: nonenhanced helical CT in 300 consecutive patients. Radiology 1999 Nov;213(2):341-6

Lansberg MG, Albers GW, Beaulieu C, Marks MP. Comparison of diffusion-weighted MRI and CT in acute stroke. Neurology 2000 Apr 25;54(8):1557-61

Larcom PG, Lotke PA, Steinberg ME, Holland G, Foster S. Magnetic resonance venography versus contrast venography to diagnose thrombosis after joint surgery. Clin Orthop 1996 Oct;(331):209-15

Laurent F, Latrabe V, Vergier B, Montaudon M, Vernejoux JM, Dubrez J. CT-guided transthoracic needle biopsy of pulmonary nodules smaller than 20 mm: results with an automated 20-gauge coaxial cutting needle. Clin Radiol 2000 Apr;55(4):281-7

Lechner P, Lind P, Goldenberg DM. Can postoperative surveillance with serial CEA immunoscintigraphy detect resectable rectal cancer recurrence and potentially improve tumor-free survival? J Am Coll Surg 2000 Nov;191(5):511-8

Lee DH, Vellet AD, Eliasziw M, Vidito L, Ebers GC, Rice GP, Hewett L, Dunlavy S. MR imaging field strength: prospective evaluation of the diagnostic accuracy of MR for diagnosis of multiple sclerosis at 0.5 and 1.5 T. Radiology 1995 Jan;194(1):257-62

Lee DS, Cheon GJ, Ahn JY, Chung JK, Lee MC. Reproducibility of assessment of myocardial function using gated 99Tc(m)-MIBI SPECT and quantitative software. Nucl Med Commun 2000 Dec;21(12):1127-34

Lee H, Frank MS, Rowberg AH, Choi HS, Kim Y. A new method for computed tomography image compression using adjacent slice data. Invest Radiol 1993 Aug;28(8):678-85

Lee MG, Baker ME, Sostman HD, Spritzer CE, Paine S, Paulson EK, Keogan MT. The diagnostic accuracy/efficacy of MRI in differentiating hepatic hemangiomas from metastatic colorectal/breast carcinoma: a multiple reader ROC analysis using a jackknife technique. J Comput Assist Tomogr 1996 Nov-Dec;20(6):905-13

Lehericy S, Cohen L, Bazin B, Samson S, Giacomini E, Rougetet R, Hertz-Pannier L, Le Bihan D, Marsault C, Baulac M. Functional MR evaluation of temporal and frontal language dominance compared with the Wada test. Neurology 2000 Apr 25;54(8):1625-33

Lehmann R, Borovicka J, Kunz P, Crelier G, Boesiger P, Fried M, Schwizer W, Spinas GA. Evaluation of delayed gastric emptying in diabetic patients with autonomic neuropathy by a new magnetic resonance imaging technique and radio-opaque markers. Diabetes Care 1996 Oct;19(10):1075-82

Leitha T, Walter R, Schlick W, Dudczak R. 99mTc-anti-CEA radioimmunoscintigraphy of lung adenocarcinoma. Chest 1991 Jan;99(1):14-9

Lennon CA, Gray DL. Sensitivity and specificity of ultrasound for the detection of neural tube and ventral wall defects in a high-risk population. Obstet Gynecol 1999 Oct;94(4):562-6

Leodolter A, Kahl S, Dominguez-Munoz JE, Gerards C, Glasbrenner B, Malfertheiner P. Comparison of two tubeless function tests in the assessment of mild-to-moderate exocrine pancreatic insufficiency. Eur J Gastroenterol Hepatol 2000 Dec;12(12):1335-8

Leslie DF, Johnson CD, MacCarty RL, Ward EM, Ilstrup DM, Harmsen WS. Single-pass CT of hepatic tumors: value of globular enhancement in distinguishing hemangiomas from hypervascular metastases. AJR Am J Roentgenol 1995 Dec;165(6):1403-6

Levi S, Schaaps JP, De Havay P, Coulon R, Defoort P. End-result of routine ultrasound screening for congenital anomalies: the Belgian Multicentric Study 1984-92. Ultrasound Obstet Gynecol 1995 Jun;5(6):366-71

Levine SE, Neagle CE, Esterhai JL, Wright DG, Dalinka MK. Magnetic resonance imaging for the diagnosis of osteomyelitis in the diabetic patient with a foot ulcer. Foot Ankle Int 1994 Mar;15(3):151-6

Liaw YS, Yang PC, Yu CJ, Chang DB, Wang HJ, Lee LN, Kuo SH, Luh KT. Direct determination of cryptococcal antigen in transthoracic needle aspirate for diagnosis of pulmonary cryptococcosis. J Clin Microbiol 1995 Jun;33(6):1588-91

Lichtenstein D, Meziere G, Biderman P, Gepner A. The comet-tail artifact: an ultrasound sign ruling out pneumothorax. Intensive Care Med 1999 Apr;25(4):383-8

Lindsell DR. Ultrasound imaging of pancreas and biliary tract. Lancet 1990 Feb 17;335(8686):390-3

Lipp RW, Silly H, Ranner G, Dobnig H, Passath A, Leb G, Krejs GJ. Radiolabeled octreotide for the demonstration of somatostatin receptors in malignant lymphoma and lymphadenopathy. J Nucl Med 1995 Jan;36(1):13-8

Lizak MJ, Datiles MB, Aletras AH, Kador PF, Balaban RS. MRI of the human eye using magnetization transfer contrast enhancement. Invest Ophthalmol Vis Sci 2000 Nov;41(12):3878-81

Loftus WK, Metreweli C, Sung JJ, Yang WT, Leung VK, Set PA. Ultrasound, CT and colonoscopy of colonic cancer. Br J Radiol 1999 Feb;72(854):144-8

London JF, Shawker TH, Doppman JL, Frucht HH, Vinayek R, Stark HA, Miller LS, Miller DL, Norton JA, Jensen RT, et al. Zollinger-Ellison syndrome: prospective assessment of abdominal US in the localization of gastrinomas. Radiology 1991 Mar;178(3):763-7

Lote K, Egeland T, Hager B, Skullerud K, Hirschberg H. Prognostic significance of CT contrast enhancement within histological subgroups of intracranial glioma. J Neurooncol 1998 Nov;40(2):161-70

Lovejoy JC, Bray GA, Bourgeois MO, Macchiavelli R, Rood JC, Greeson C, Partington C. Exogenous androgens influence body composition and regional body fat distribution in obese postmenopausal women--a clinical research center study. J Clin Endocrinol Metab 1996 Jun;81(6):2198-203

Lovejoy JC, Bray GA, Greeson CS, Klemperer M, Morris J, Partington C, Tulley R. Oral anabolic steroid treatment, but not parenteral androgen treatment, decreases abdominal fat in obese, older men. Int J Obes Relat Metab Disord 1995 Sep;19(9):614-24

Low RN, Saleh F, Song SY, Shiftan TA, Barone RM, Lacey CG, Goldfarb PM. Treated ovarian cancer: comparison of MR imaging with serum CA-125 level and physical examination--a longitudinal study. Radiology 1999 May;211(2):519-28

Lowe MJ, Mock BJ, Sorenson JA. Functional connectivity in single and multislice echoplanar imaging using resting-state fluctuations. Neuroimage 1998 Feb;7(2):119-32

Lowe VJ, Fletcher JW, Gobar L, Lawson M, Kirchner P, Valk P, Karis J, Hubner K, Delbeke D, Heiberg EV, Patz EF, Coleman RE. Prospective investigation of positron emission tomography in lung nodules. J Clin Oncol 1998 Mar;16(3):1075-84

Lowe VJ, Hoffman JM, DeLong DM, Patz EF, Coleman RE. Semiquantitative and visual analysis of FDG-PET images in pulmonary abnormalities. J Nucl Med 1994 Nov;35(11):1771-6

Lu C, Chang TC, Hsiao YL, Kuo MS. Ultrasonographic findings of papillary thyroid carcinoma and their relation to pathologic changes. J Formos Med Assoc 1994 Nov-Dec;93(11-12):933-8

Lucht R, Knopp MV, Brix G. Elastic matching of dynamic MR mammographic images. Magn Reson Med 2000 Jan;43(1):9-16

Lugo-Vicente H, Ortiz VN, Irizarry H, Camps JI, Pagan V. Pediatric thyroid nodules: management in the era of fine needle aspiration. J Pediatr Surg 1998 Aug;33(8):1302-5

Lupo L, Angelelli G, Pannarale O, Altomare D, Macarini L, Memeo V. Improved accuracy of computed tomography in local staging of rectal cancer using water enema. Int J Colorectal Dis 1996;11(2):60-4

Ma OJ, Mateer JR. Trauma ultrasound examination versus chest radiography in the detection of hemothorax. Ann Emerg Med 1997 Mar;29(3):312-5; discussion 315-6

Maas LC, Harris GJ, Satlin A, English CD, Lewis RF, Renshaw PF. Regional cerebral blood volume measured by dynamic susceptibility contrast MR imaging in Alzheimer's disease: a principal components analysis. J Magn Reson Imaging 1997 Jan-Feb;7(1):215-9

Maddahi J, Kiat H, Van Train KF, Prigent F, Friedman J, Garcia EV, Alazraki N, DePuey EG, Nichols K, Berman DS. Myocardial perfusion imaging with technetium-99m sestamibi SPECT in the evaluation of coronary artery disease. Am J Cardiol 1990 Oct 16;66(13):55E-62E

Maggino T, Gadducci A, D'Addario V, Pecorelli S, Lissoni A, Stella M, Romagnolo C, Federghini M, Zucca S, Trio D, et al. Prospective multicenter study on CA 125 in postmenopausal pelvic masses. Gynecol Oncol 1994 Aug;54(2):117-23

Maier AG, Kersting-Sommerhoff B, Reeders JW, Judmaier W, Annweiler AA, Meusel M, Wallengren NO. Staging of rectal cancer by double-contrast MR imaging using the rectally administered superparamagnetic iron oxide contrast agent ferristene and IV gadodiamide injection: results of a multicenter phase II trial. J Magn Reson Imaging 2000 Nov;12(5):651-60

Maier M, Steinborn M, Schmitz C, Stabler A, Kohler S, Pfahler M, Durr HR, Refior HJ. Extracorporeal shock wave application for chronic plantar fasciitis associated with heel spurs: prediction of outcome by magnetic resonance imaging. J Rheumatol 2000 Oct;27(10):2455-62

Mammen EF, Comp PC, Gosselin R, Greenberg C, Hoots WK, Kessler CM, Larkin EC, Liles D, Nugent DJ. PFA-100 system: a new method for assessment of platelet dysfunction. Semin Thromb Hemost 1998;24(2):195-202

Manfredi R, Pirronti T, Bonomo L, Marano P. Accuracy of computed tomography and magnetic resonance imaging in staging bronchogenic carcinoma. MAGMA 1996 Sep-Dec;4(3-4):257-62

Mani R, Regan F, Sheridan J, Batty V. Duplex ultrasound scanning for diagnosing lower limb deep vein thrombosis. Dermatol Surg 1995 Apr;21(4):324-6

Mantaka P, Strauss AD, Strauss LG, Moehler M, Goldschmidt H, Oberdorfer F, Kontaxakis G, Van Kaick G. Detection of treated liver metastases using fluorine-18-fluordeoxyglucose (FDG) and positron emission tomography (PET). Anticancer Res 1999 Sep-Oct;19(5C):4443-50

Mantoni M, Strandberg C, Neergaard K, Sloth C, Jorgensen PS, Thamsen H, Torholm C, Paaske BP, Rasmussen SW, Christensen SW, Wille-Jorgensen P. Triplex US in the diagnosis of asymptomatic deep venous thrombosis. Acta Radiol 1997 Mar;38(2):327-31

Manyak MJ, Hinkle GH, Olsen JO, Chiaccherini RP, Partin AW, Piantadosi S, Burgers JK, Texter JH, Neal CE, Libertino JA, Wright GL Jr, Maguire RT. Immunoscintigraphy with indium-111-capromab pendetide: evaluation before definitive therapy in patients with prostate cancer. Urology 1999 Dec;54(6):1058-63

Marcus MA, Murphy L, Pi-Sunyer FX, Albu JB. Insulin sensitivity and serum triglyceride level in obese white and black women: relationship to visceral and truncal subcutaneous fat. Metabolism 1999 Feb;48(2):194-9

Maria BL, Drane WE, Quisling RG, Ringdahl DM, Mickle JP, Mendenhall NP, Marcus RB Jr, McCollough WM, Hamed LM, Eskin TA, et al. Value of thallium-201 SPECT imaging in childhood brain tumors. Pediatr Neurosurg 1994;20(1):11-8

Mariani PP, Adriani E, Bellelli A, Maresca G. Magnetic resonance imaging of tunnel placement in posterior cruciate ligament reconstruction. Arthroscopy 1999 Oct;15(7):733-40

Marin P. Testosterone and regional fat distribution. Obes Res 1995 Nov;3 Suppl 4:609S-612S

Markel A, Weich Y, Gaitini D. Doppler ultrasound in the diagnosis of venous thrombosis. Angiology 1995 Jan;46(1):65-73

Markl M, Schneider B, Hennig J, Peschl S, Winterer J, Krause T, Laubenberger J. Cardiac phase contrast gradient echo MRI: measurement of myocardial wall motion in healthy volunteers and patients. Int J Card Imaging 1999 Dec;15(6):441-52

Marks LS, Dorey FJ, Macairan ML, Park C, deKernion JB. Three-dimensional ultrasound device for rapid determination of bladder volume. Urology 1997 Sep;50(3):341-8

Marks MP, Holmgren EB, Fox AJ, Patel S, von Kummer R, Froehlich J. Evaluation of early computed tomographic findings in acute ischemic stroke. Stroke 1999 Feb;30(2):389-92

Maroto A, Gines A, Salo J, Claria J, Gines P, Anibarro L, Jimenez W, Arroyo V, Rodes J. Diagnosis of functional kidney failure of cirrhosis with Doppler sonography: prognostic value of resistive index. Hepatology 1994 Oct;20(4 Pt 1):839-44

Martelli G, Pilotti S, Coopmans de Yoldi G, Viganotti G, Fariselli G, Lepera P, Moglia D. Diagnostic efficacy of physical examination, mammography, fine needle aspiration cytology (triple-test) in solid breast lumps: an analysis of 1708 consecutive cases. Tumori 1990 Oct 31;76(5):476-9

Martinez JM, Echevarria M, Borrell A, Puerto B, Ojuel J, Fortuny A. Fetal heart rate and nuchal translucency in detecting chromosomal abnormalities other than Down syndrome. Obstet Gynecol 1998 Jul;92(1):68-71

Martins FE, Reis JP. Visual erotic stimulation test for initial screening of psychogenic erectile dysfunction: a reliable noninvasive alternative? J Urol 1997 Jan;157(1):134-9

Maruyama R, Noguchi T, Takano M, Takagi K, Morita N, Kikuchi R, Uchida Y. Usefulness of magnetic resonance imaging for diagnosing deep anorectal abscesses. Dis Colon Rectum 2000 Oct;43(10 Suppl):S2-5

Marwick TH, Brunken R, Meland N, Brochet E, Baer FM, Binder T, Flachskampf F, Kamp O, Nienaber C, Nihoyannopoulos P, Pierard L, Vanoverschelde JL, van der Wouw P, Lindvall K. Accuracy and feasibility of contrast echocardiography for detection of perfusion defects in routine practice: comparison with wall motion and technetium-99m sestamibi single-photon emission computed tomography. The Nycomed NC100100 Investigators. J Am Coll Cardiol 1998 Nov;32(5):1260-9

Masdeu JC, Van Heertum RL, Kleiman A, Anselmi G, Kissane K, Horng J, Yudd A, Luck D, Grundman M. Early single-photon emission computed tomography in mild head trauma. A controlled study. J Neuroimaging 1994 Oct;4(4):177-81

Mason GC, Lilford RJ, Porter J, Nelson E, Tyrell S. Randomised comparison of routine versus highly selective use of Doppler ultrasound in low risk pregnancies. Br J Obstet Gynaecol 1993 Feb;100(2):130-3

Massari M, De Simone M, Cioffi U, Rosso L, Chiarelli M, Gabrielli F. Value and limits of endorectal ultrasonography for preoperative staging of rectal carcinoma. Surg Laparosc Endosc 1998 Dec;8(6):438-44

Mattman A, Feldman H, Forster B, Li D, Szasz I, Beattie BL, Schulzer M. Regional HmPAO SPECT and CT measurements in the diagnosis of Alzheimer's disease. Can J Neurol Sci 1997 Feb;24(1):22-8

Matzer L, Kiat H, Wang FP, Van Train K, Germano G, Friedman J, Berman DS. Pharmacologic stress dual-isotope myocardial perfusion single-photon emission computed tomography. Am Heart J 1994 Dec;128(6 Pt 1):1067-76

Mauriege P, Imbeault P, Prud'Homme D, Tremblay A, Nadeau A, Despres JP. Subcutaneous adipose tissue metabolism at menopause: importance of body fatness and regional fat distribution. J Clin Endocrinol Metab 2000 Jul;85(7):2446-54

Mazzanti M, Germano G, Kiat H, Kavanagh PB, Alexanderson E, Friedman JD, Hachamovitch R, Van Train KF, Berman DS. Identification of severe and extensive coronary artery disease by automatic measurement of transient ischemic dilation of the left ventricle in dual-isotope myocardial perfusion SPECT. J Am Coll Cardiol 1996 Jun;27(7):1612-20

McMillan WD, McCarthy WJ, Bresticker MR, Pearce WH, Schneider JR, Golan JF, Yao JS. Mesenteric artery bypass: objective patency determination. J Vasc Surg 1995 May;21(5):729-40; discussion 740-1

Menegazzo D, Laissy JP, Durrbach A, Debray MP, Messin B, Delmas V, Mignon F, Schouman-Claeys E. Hemodialysis access fistula creation: preoperative assessment with MR venography and comparison with conventional venography. Radiology 1998 Dec;209(3):723-8

Menzel J, Hoepffner N, Sulkowski U, Reimer P, Heinecke A, Poremba C, Domschke W. Polypoid tumors of the major duodenal papilla: preoperative staging with intraductal US, EUS, and CT--a prospective, histopathologically controlled study. Gastrointest Endosc 1999 Mar;49(3 Pt 1):349-57

Merchant TE, Schwartz LH, Ballon D, Koutcher JA, Scher HI, Minsky BD. Intracavitary birdcage resonator: applications to the human prostate. J Magn Reson Imaging 1995 May-Jun;5(3):365-8

Method MW, Serafini AN, Averette HE, Rodriguez M, Penalver MA, Sevin BU. The role of radioimmunoscintigraphy and computed tomography scan prior to reassessment laparotomy of patients with ovarian carcinoma. A preliminary report. Cancer 1996 Jun 1;77(11):2286-93

Mettlin C, Lee F, Drago J, Murphy GP. The American Cancer Society National Prostate Cancer Detection Project. Findings on the detection of early prostate cancer in 2425 men. Cancer 1991 Jun 15;67(12):2949-58

Michael TA, Antonescu A, Bhambi B, Balasingam S. Accuracy and usefulness of atrial pacing in conjunction with transthoracic echocardiography in the detection of cardiac ischemia. Am J Cardiol 1996 Jan 15;77(2):187-90

Michael TA, Rao G, Balasingam S. Accuracy and usefulness of atrial pacing in conjunction with transesophageal echocardiography in the detection of cardiac ischemia (a comparative study with scintigraphic tomography and coronary arteriography). Am J Cardiol 1995 Mar 15;75(8):563-7

Michielsen PP, Duysburgh IK, Francque SM, Van der Planken M, Van Marck EA, Pelckmans PA. Ultrasonically guided fine needle puncture of focal liver lesions. Review and personal experience. Acta Gastroenterol Belg 1998 Apr-Jun;61(2):158-63

Miller OF, Rineer SK, Reichard SR, Buckley RG, Donovan MS, Graham IR, Goff WB, Kane CJ. Prospective comparison of unenhanced spiral computed tomography and intravenous urogram in the evaluation of acute flank pain. Urology 1998 Dec;52(6):982-7

Miller SM, Ackermann R. Color Doppler sonography of the prostate. Urol Int 1996;57(3):158-64

Miller WJ, Baron RL, Dodd GD 3rd, Federle MP. Malignancies in patients with cirrhosis: CT sensitivity and specificity in 200 consecutive transplant patients. Radiology 1994 Dec;193(3):645-50

Mitchell DG, Saini S, Weinreb J, De Lange EE, Runge VM, Kuhlman JE, Parisky Y, Johnson CD, Brown JJ, Schnall M, et al. Hepatic metastases and cavernous hemangiomas: distinction with standard- and triple-dose gadoteridol-enhanced MR imaging. Radiology 1994 Oct;193(1):49-57

Mitchell R, Buckler HM, Matson P, Lieberman B, Burger HG, Hilton B, Horne G, Dyson M, Robertson WR. Oestradiol and immunoreactive inhibin-like secretory patterns following controlled ovarian hyperstimulation with urinary (Metrodin) or recombinant follicle stimulating hormone (Puregon). Hum Reprod 1996 May;11(5):962-7

Moehrle M, Blum A, Rassner G, Juenger M. Lymph node metastases of cutaneous melanoma: diagnosis by B-scan and color Doppler sonography. J Am Acad Dermatol 1999 Nov;41(5 Pt 1):703-9

Mol BW, Hajenius PJ, Engelsbel S, Ankum WM, van der Veen F, Hemrika DJ, Bossuyt PM. Can noninvasive diagnostic tools predict tubal rupture or active bleeding in patients with tubal pregnancy? Fertil Steril 1999 Jan;71(1):167-73

Molloy J, Martin JF, Baskerville PA, Fraser SC, Markus HS. S-nitrosoglutathione reduces the rate of embolization in humans. Circulation 1998 Oct 6;98(14):1372-5

Moretti JL, Defer G, Tamgac F, Weinmann P, Belin C, Cesaro P. Comparison of brain SPECT using 99mTc-bicisate (L,L-ECD) and [123I]IMP in cortical and subcortical strokes. J Cereb Blood Flow Metab 1994 Jan;14 Suppl 1:S84-90

Moss HA, Britton PD, Flower CD, Freeman AH, Lomas DJ, Warren RM. How reliable is modern breast imaging in differentiating benign from malignant breast lesions in the symptomatic population? Clin Radiol 1999 Oct;54(10):676-82

Mourier A, Gautier JF, De Kerviler E, Bigard AX, Villette JM, Garnier JP, Duvallet A, Guezennec CY, Cathelineau G. Mobilization of visceral adipose tissue related to the improvement in insulin sensitivity in response to physical training in NIDDM. Effects of branched-chain amino acid supplements. Diabetes Care 1997 Mar;20(3):385-91

Mullin WJ, Heithoff KB, Gilbert TJ Jr, Renfrew DL. Magnetic resonance evaluation of recurrent disc herniation: is gadolinium necessary? Spine 2000 Jun 15;25(12):1493-50:9

Murri L, Gori S, Massetani R, Bonanni E, Marcella F, Milani S. Evaluation of acute ischemic stroke using quantitative EEG: a comparison with conventional EEG and CT scan. Neurophysiol Clin 1998 Jun;28(3):249-57

Mussurakis S, Buckley DL, Coady AM, Turnbull LW, Horsman A. Observer variability in the interpretation of contrast enhanced MRI of the breast. Br J Radiol 1996 Nov;69(827):1009-16

Mussurakis S, Buckley DL, Drew PJ, Fox JN, Carleton PJ, Turnbull LW, Horsman A. Dynamic MR imaging of the breast combined with analysis of contrast agent kinetics in the differentiation of primary breast tumours. Clin Radiol 1997 Jul;52(7):516-26

Mussurakis S, Gibbs P, Horsman A. Peripheral enhancement and spatial contrast uptake heterogeneity of primary breast tumours: quantitative assessment with dynamic MRI. J Comput Assist Tomogr 1998 Jan-Feb;22(1):35-46

Nagel E, Lehmkuhl HB, Bocksch W, Klein C, Vogel U, Frantz E, Ellmer A, Dreysse S, Fleck E. Noninvasive diagnosis of ischemia-induced wall motion abnormalities with the use of high-dose dobutamine stress MRI: comparison with dobutamine stress echocardiography. Circulation 1999 Feb 16;99(6):763-70

Naguib M, Malabarey T, AlSatli RA, Al Damegh S, Samarkandi AH. Predictive models for difficult laryngoscopy and intubation. A clinical, radiologic and three-dimensional computer imaging study. Can J Anaesth 1999 Aug;46(8):748-59

Nair MK, Webber RL, Johnson MP. Comparative evaluation of Tuned Aperture Computed Tomography for the detection of mandibular fractures. Dentomaxillofac Radiol 2000 Sep;29(5):297-301

Nakajima K, Taki J, Shuke N, Bunko H, Takata S, Hisada K. Myocardial perfusion imaging and dynamic analysis with technetium-99m tetrofosmin. J Nucl Med 1993 Sep;34(9):1478-84

Nakayama E, Yoshiura K, Yuasa K, Tabata O, Araki K, Kanda S, Ozeki S, Shinohara M. Detection of bone invasion by gingival carcinoma of the mandible: a comparison of intraoral and panoramic radiography and computed tomography. Dentomaxillofac Radiol 1999 Nov;28(6):351-6

Natali PG, Mottolese M, Donnorso RP, Buffa R, Bussolati G, Coggi G, Corradi G, Coscia-Porrazzi L, Ferretti M, Rondanelli E, et al. Use of monoclonal antibodies to human breast-tumor-associated antigens in the diagnosis of fine-needle aspirates of breast nodules: results of a multicenter study. Int J Cancer 1990 Jan 15;45(1):12-5

Natsugoe S, Yoshinaka H, Shimada M, Shirao K, Nakano S, Kusano C, Baba M, Fukumoto T, Takao S, Aikou T. Assessment of cervical lymph node metastasis in esophageal carcinoma using ultrasonography. Ann Surg 1999 Jan;229(1):62-6

Navarrete-Navarro P, Vazquez G, Bosch JM, Fernandez E, Rivera R, Carazo E. Computed tomography vs clinical and multidisciplinary procedures for early evaluation of severe abdomen and chest trauma--a cost analysis approach. Intensive Care Med 1996 Mar;22(3):208-12

Neumann DR, Esselstyn CB Jr, Madera A, Wong CO, Lieber M. Parathyroid detection in secondary hyperparathyroidism with 123I/99mTc-sestamibi subtraction single photon emission computed tomography. J Clin Endocrinol Metab 1998 Nov;83(11):3867-71

Neves PL, Faisca M, Gomes V, Cacodcar S, Bernardo I, Anunciada AI, Viegas E, Martins H, da Silva AM. Risk factors for left ventricular hypertrophy: role of Na(+)-Li+ countertransport. Kidney Int Suppl 1996 Jun;55:S160-2

Nguyen BC, Stanford W, Thompson BH, Rossi NP, Kernstine KH, Kern JA, Robinson RA, Amorosa JK, Mammone JF, Outwater EK. Multicenter clinical trial of ultrasmall superparamagnetic iron oxide in the evaluation of mediastinal lymph nodes in patients with primary lung carcinoma. J Magn Reson Imaging 1999 Sep;10(3):468-73

Nicholson P, Higgins T, Forgarty E, Moore D, Dowling F. Three-dimensional spiral CT scanning in children with acute torticollis. Int Orthop 1999;23(1):47-50

Nienaber CA, Spielmann RP, von Kodolitsch Y, Siglow V, Piepho A, Jaup T, Nicolas V, Weber P, Triebel HJ, Bleifeld W. Diagnosis of thoracic aortic dissection. Magnetic resonance imaging versus transesophageal echocardiography. Circulation 1992 Feb;85(2):434-47

Nienaber CA, von Kodolitsch Y, Brockhoff CJ, Koschyk DH, Spielmann RP. Comparison of conventional and transesophageal echocardiography with magnetic resonance imaging for anatomical mapping of thoracic aortic dissection. A dual noninvasive imaging study with anatomical and/or angiographic validation. Int J Card Imaging 1994 Mar;10(1):1-14

Nies C, Leppek R, Sitter H, Klotter HJ, Riera J, Klose KJ, Schwerk WB, Rothmund M. Prospective evaluation of different diagnostic techniques for the detection of liver metastases at the time of primary resection of colorectal carcinoma. Eur J Surg 1996 Oct;162(10):811-6

Nollert G, Jonas RA, Reichart B. Optimizing cerebral oxygenation during cardiac surgery: a review of experimental and clinical investigations with near infrared spectrophotometry. Thorac Cardiovasc Surg 2000 Aug;48(4):247-5

Norberg M, Egevad L, Holmberg L, Sparen P, Norlen BJ, Busch C. The sextant protocol for ultrasound-guided core biopsies of the prostate underestimates the presence of cancer. Urology 1997 Oct;50(4):562-6

Nozoe T, Matsumata T, Sugimachi K. Usefulness of preoperative transvaginal ultrasonography for women with advanced gastric carcinoma. Am J Gastroenterol 1999 Sep;94(9):2509-12

Nucl Med Commun 2000 Jul;21(7):651-8

Nygren AT, Jogestrand T. Detection of patent foramen ovale by transcranial Doppler and carotid duplex ultrasonography: a comparison with transoesophageal echocardiography. Clin Physiol 1998 Jul;18(4):327-30

Oak SN, Kulkarni B, Chaubal N. Color flow Doppler sonography: a reliable alternative to voiding cystourethrogram in the diagnosis of vesicoureteral reflux in children. Urology 1999 Jun;53(6):1211-4

O'Brien JT, Metcalfe S, Swann A, Hobson J, Jobst K, Ballard C, McKeith I, Gholkar A. Medial temporal lobe width on CT scanning in Alzheimer's disease: comparison with vascular dementia, depression and dementia with Lewy bodies. Dement Geriatr Cogn Disord 2000 Mar-Apr;11(2):114-8

Ohbayashi N, Yamada I, Yoshino N, Sasaki T. Sjogren syndrome: comparison of assessments with MR sialography and conventional sialography. Hemodialysis access fistula creation: preoperative assessment with MR venography and comparison with conventional venography. Radiology 1998 Dec;209(3):723-8

Ohkuchi A, Minakami H, Sato I, Mori H, Nakano T, Tateno M. Predicting the risk of pre-eclampsia and a small-for-gestational-age infant by quantitative assessment of the diastolic notch in uterine artery flow velocity waveforms in unselected women. Ultrasound Obstet Gynecol 2000 Aug;16(2):171-8

Ohuchi N, Yoshida K, Kimura M, Ouchi A, Shiiba K, Ohnuki K, Fukao A, Abe R, Matsuno S, Mori S. Comparison of false negative rates among breast cancer screening modalities with or without mammography: Miyagi trial. Jpn J Cancer Res 1995 May;86(5):501-6

Okegawa T, Noda H, Nutahara K, Higashihara E. Comparisons of the various combinations of free, complexed, and total prostate-specific antigen for the detection of prostate cancer. Eur Urol 2000 Oct;38(4):380-7

Olbricht CJ, Paul K, Prokop M, Chavan A, Schaefer-Prokop CM, Jandeleit K, Koch KM, Galanski M. Minimally invasive diagnosis of renal artery stenosis by spiral computed tomography angiography. Kidney Int 1995 Oct;48(4):1332-7

Olgin J, Rosenberg H, Allen G, Seestedt R, Chance B. A blinded comparison of noninvasive, in vivo phosphorus nuclear magnetic resonance spectroscopy and the in vitro halothane/caffeine contracture test in the evaluation of malignant hyperthermia susceptibility. Anesth Analg 1991 Jan;72(1):36-47

Olin JW, Piedmonte MR, Young JR, DeAnna S, Grubb M, Childs MB. The utility of duplex ultrasound scanning of the renal arteries for diagnosing significant renal artery stenosis. Ann Intern Med 1995 Jun 1;122(11):833-8

Olsen EG, Olsen H. Influence of ethanol ingestion on the cornea. Acta Ophthalmol (Copenh) 1993 Oct;71(5):696-8

Olson BR, Cartledge T, Sebring N, Defensor R, Nieman L. Short-term fasting affects luteinizing hormone secretory dynamics but not reproductive function in normal-weight sedentary women. J Clin Endocrinol Metab 1995 Apr;80(4):1187-93

Oostveen J, Prevo R, den Boer J, van de Laar M. Early detection of sacroiliitis on magnetic resonance imaging and subsequent development of sacroiliitis on plain radiography. A prospective, longitudinal study. J Rheumatol 1999 Sep;26(9):1953-8

Orlinsky M, Knittel P, Feit T, Chan L, Mandavia D. The comparative accuracy of radiolucent foreign body detection using ultrasonography. Am J Emerg Med 2000 Jul;18(4):401-3

Orsini MG, Kuboki T, Terada S, Matsuka Y, Yatani H, Yamashita A. Clinical predictability of temporomandibular joint disc displacement. J Dent Res 1999 Feb;78(2):650-60

Ouslander JG, Simmons S, Tuico E, Nigam JG, Fingold S, Bates-Jensen B, Schnelle JF. Use of a portable ultrasound device to measure post-void residual volume among incontinent nursing home residents. J Am Geriatr Soc 1994 Nov;42(11):1189-92

Owen RS, Carpenter JP, Baum RA, Perloff LJ, Cope C. Magnetic resonance imaging of angiographically occult runoff vessels in peripheral arterial occlusive disease. N Engl J Med 1992 Jun 11;326(24):1577-81

Owens LV, Farber MA, Young ML, Carlin RE, Criado-Pallares E, Passman MA, Keagy BA, Marston WA. The value of air plethysmography in predicting clinical outcome after surgical treatment of chronic venous insufficiency. J Vasc Surg 2000 Nov;32(5):961-8

Ozdoba C, Remonda L, Heid O, Lovblad KO, Schroth G. High-resolution echo-planar imaging of the brain: is it suitable for routine clinical imaging? Neuroradiology 1997 Dec;39(12):833-40

Paik DS, Beaulieu CF, Jeffrey RB Jr, Karadi CA, Napel S. Visualization modes for CT colonography using cylindrical and planar map projections. J Comput Assist Tomogr 2000 Mar-Apr;24(2):179-88

Pal L, Lapensee L, Toth TL, Isaacson KB. Comparison of office hysteroscopy, transvaginal ultrasonography and endometrial biopsy in evaluation of abnormal uterine bleeding. J Soc Laparoendosc Surg 1997 Apr-Jun;1(2):125-30

Palmedo H, Biersack HJ, Lastoria S, Maublant J, Prats E, Stegner HE, Bourgeois P, Hustinx R, Hilson AJ, Bischof-Delaloye A. Scintimammography with technetium-99m methoxyisobutylisonitrile: results of a prospective European multicentre trial. Eur J Nucl Med 1998 Apr;25(4):375-85

Palmedo H, Schomburg A, Grunwald F, Mallmann P, Boldt I, Biersack HJ. Scintimammography with Tc-99m MIBI in patients with suspicion of primary breast cancer. Nucl Med Biol 1996 Aug;23(6):681-4

Palmer JM, DiSandro M. Diuretic enhanced duplex Doppler sonography in 33 children presenting with hydronephrosis: a study of test sensitivity, specificity and precision. J Urol 1995 Nov;154(5):1885-8

Pandya PP, Goldberg H, Walton B, Riddle A, Shelley S, Snijders RJ, Nicolaides KH. The implementation of first-trimester scanning at 10-13 weeks' gestation and the measurement of fetal nuchal translucency thickness in two maternity units. Ultrasound Obstet Gynecol 1995 Jan;5(1):20-5

Pannek J, Marks LS, Pearson JD, Rittenhouse HG, Chan DW, Shery ED, Gormley GJ, Subong EN, Kelley CA, Stoner E, Partin AW. Influence of finasteride on free and total serum prostate specific antigen levels in men with benign prostatic hyperplasia. J Urol 1998 Feb;159(2):449-53

Pantel J, O'Leary DS, Cretsinger K, Bockholt HJ, Keefe H, Magnotta VA, Andreasen NC. A new method for the in vivo volumetric measurement of the human hippocampus with high neuroanatomical accuracy. Hippocampus 2000;10(6):752-8

Panting JR, Taylor AM, Gatehouse PD, Keegan J, Yang GZ, McGill S, Francis JM, Burman ED, Firmin DN, Pennell DJ. First-pass myocardial perfusion imaging and equilibrium signal changes using the intravascular contrast agent NC100150 injection. J Magn Reson Imaging 1999 Sep;10(3):404-10

Panza JA, Laurienzo JM, Curiel RV, Quyyumi AA, Cannon RO 3rd. Transesophageal dobutamine stress echocardiography for evaluation of patients with coronary artery disease. J Am Coll Cardiol 1994 Nov 1;24(5):1260-7

Pappalardo G, Polettini E, Frattaroli FM, Casciani E, D'Orta C, D'Amato M, Gualdi GF. Magnetic resonance colonography versus conventional colonoscopy for the detection of colonic endoluminal lesions. Gastroenterology 2000 Aug;119(2):300-4

Paradis AL, Cornilleau-Peres V, Droulez J, Van De Moortele PF, Lobel E, Berthoz A, Le Bihan D, Poline JB. Visual perception of motion and 3-D structure from motion: an fMRI study. Cereb Cortex 2000 Aug;10(8):772-83

Parivar F, Hricak H, Shinohara K, Kurhanewicz J, Vigneron DB, Nelson SJ, Carroll PR. Detection of locally recurrent prostate cancer after cryosurgery: evaluation by transrectal ultrasound, magnetic resonance imaging, and three-dimensional proton magnetic resonance spectroscopy. Urology 1996 Oct;48(4):594-9

Park MS, Yu JS, Kim YH, Kim MJ, Kim JH, Lee S, Cho N, Kim DG, Kim KW. Acute cholecystitis: comparison of MR cholangiography and US. Radiology 1998 Dec;209(3):781-5

Parsey RV, Krishnan KR. A new MRI ratio method for in-vivo estimation of signal hypointensity in aging and Alzheimer's disease. Prog Neuropsychopharmacol Biol Psychiatry 1997 Nov;21(8):1257-67

Pasanen PA, Partanen K, Pikkarainen P, Alhava E, Pirinen A, Janatuinen E. A prospective study on the value of ultrasound, computed tomography and endoscopic retrograde cholangiopancreatography in the diagnosis of unjaundiced cholestasis. In Vivo 1994 Mar-Apr;8(2):227-30

Pasquier F, Hamon M, Lebert F, Jacob B, Pruvo JP, Petit H. Medial temporal lobe atrophy in memory disorders. J Neurol 1997 Mar;244(3):175-81

Patel MR, Kuntz KM, Klufas RA, Kim D, Kramer J, Polak JF, Skillman JJ, Whittemore AD, Edelman RR, Kent KC. Preoperative assessment of the carotid bifurcation. Can magnetic resonance angiography and duplex ultrasonography replace contrast arteriography? Stroke 1995 Oct;26(10):1753-8

Patrux B, Laissy JP, Jouini S, Kawiecki W, Coty P, Thiebot J. Magnetic resonance angiography (MRA) of the circle of Willis: a prospective comparison with conventional angiography in 54 subjects. Neuroradiology 1994 Apr;36(3):193-7

Pavics L, Grunwald F, Barzo P, Ambrus E, Menzel C, Schomburg A, Borda L, Mate E, Bodosi M, Csernay L, et al. Evaluation of cerebral vasoreactivity by SPECT and transcranial Doppler sonography using the acetazolamide test. Nuklearmedizin 1994 Dec;33(6):239-43

Pearle MS, Watamull LM, Mullican MA. Sensitivity of noncontrast helical computerized tomography and plain film radiography compared to flexible nephroscopy for detecting residual fragments after percutaneous nephrostolithotomy. J Urol 1999 Jul;162(1):23-6

Perre CI, Koot VC, de Hooge P, Leguit P. The value of ultrasound in the evaluation of palpable breast tumours: a prospective study of 400 cases. Eur J Surg Oncol 1994 Dec;20(6):637-40

Perrotti M, Kaufman RP Jr, Jennings TA, Thaler HT, Soloway SM, Rifkin MD, Fisher HA. Endo-rectal coil magnetic resonance imaging in clinically localized prostate cancer: is it accurate? J Urol 1996 Jul;156(1):106-9

Pescatore P, Glucker T, Delarive J, Meuli R, Pantoflickova D, Duvoisin B, Schnyder P, Blum AL, Dorta G. Diagnostic accuracy and interobserver agreement of CT colonography (virtual colonoscopy). Gut 2000 Jul;47(1):126-30

Phillips MS, Williams MP, Flower CD. How useful is computed tomography in the diagnosis and assessment of bronchiectasis? Clin Radiol 1986 Jul;37(4):321-5

Philpott GW, Schwarz SW, Anderson CJ, Dehdashti F, Connett JM, Zinn KR, Meares CF, Cutler PD, Welch MJ, Siegel BA. RadioimmunoPET: detection of colorectal carcinoma with positron-emitting copper-64-labeled monoclonal antibody. J Nucl Med 1995 Oct;36(10):1818-24

Piccini P, Pavese N, Palombo C, Pittella G, Distante A, Bonuccelli U. Transcranial Doppler ultrasound in migraine and tension-type headache after apomorphine administration: double-blind crossover versus placebo study. Cephalalgia 1995 Oct;15(5):399-403

Pieterman RM, van Putten JW, Meuzelaar JJ, Mooyaart EL, Vaalburg W, Koeter GH, Fidler V, Pruim J, Groen HJ. Preoperative staging of non-small-cell lung cancer with positron-emission tomography. N Engl J Med 2000 Jul 27;343(4):254-61

Pijl H, Ohashi S, Matsuda M, Miyazaki Y, Mahankali A, Kumar V, Pipek R, Iozzo P, Lancaster JL, Cincotta AH, DeFronzo RA. Bromocriptine: a novel approach to the treatment of type 2 diabetes. Diabetes Care 2000 Aug;23(8):1154-61

Pinkas H, Mashiach R, Rabinerson D, Avrech OM, Royburt M, Rufas O, Meizner I, Ben-Rafael Z, Fisch B. Doppler parameters of uterine and ovarian stromal blood flow in women with polycystic ovary syndrome and normally ovulating women undergoing controlled ovarian stimulation. Ultrasound Obstet Gynecol 1998 Sep;12(3):197-200

Pneumaticos SG, Hipp JA, Esses SI. Sensitivity and specificity of dural sac and herniated disc dimensions in patients with low back-related leg pain. J Magn Reson Imaging 2000 Sep;12(3):439-43

Poehlman ET, Dvorak RV, DeNino WF, Brochu M, Ades PA. Effects of resistance training and endurance training on insulin sensitivity in nonobese, young women: a controlled randomized trial. J Clin Endocrinol Metab 2000 Jul;85(7):2463-8

Polo A, Zanette G, Manganotti P, Bertolasi L, De Grandis D, Rizzuto N. Spinal somatosensory evoked potentials in patients with tethered cord syndrome. Can J Neurol Sci 1994 Nov;21(4):325-30

Porte HL, Ernst OJ, Delebecq T, Metois D, Lemaitre LG, Wurtz AJ. Is computed tomography guided biopsy still necessary for the diagnosis of adrenal masses in patients with resectable non-small-cell lung cancer? Eur J Cardiothorac Surg 1999 May;15(5):597-601

Portenoy RK, Maldonado M, Fitzmartin R, Kaiko RF, Kanner R. Oral controlled-release morphine sulfate. Analgesic efficacy and side effects of a 100-mg tablet in cancer pain patients. Cancer 1989 Jun 1;63(11 Suppl):2284-8

Portincasa P, Di Ciaula A, Baldassarre G, Palmieri V, Gentile A, Cimmino A, Palasciano G. Gallbladder motor function in gallstone patients: sonographic and in vitro studies on the role of gallstones, smooth muscle function and gallbladder wall inflammation. J Hepatol 1994 Sep;21(3):430-40

Postert T, Hoppe P, Federlein J, Helbeck S, Ermert H, Przuntek H, Buttner T, Wilkening W. Contrast agent specific imaging modes for the ultrasonic assessment of parenchymal cerebral echo contrast enhancement. J Cereb Blood Flow Metab 2000 Dec;20(12):1709-16

Postle BR, Berger JS, D'Esposito M. Functional neuroanatomical double dissociation of mnemonic and executive control processes contributing to working memory performance. Proc Natl Acad Sci U S A 1999 Oct 26;96(22):12959-64

Postma CT, van Aalen J, de Boo T, Rosenbusch G, Thien T. Doppler ultrasound scanning in the detection of renal artery stenosis in hypertensive patients. Br J Radiol 1992 Oct;65(778):857-60

Pozzoli MM, Fioretti PM, Salustri A, Reijs AE, Roelandt JR. Exercise echocardiography and technetium-99m MIBI single-photon emission computed tomography in the detection of coronary artery disease. Am J Cardiol 1991 Feb 15;67(5):350-5

Prando A, Wallace S. Helical CT of prostate cancer: early clinical experience. Am J Roentgenol 2000 Aug;175(2):343-6

Prati F, Gil R, Di Mario C, Ozaki Y, Bruining N, Camenzind E, de Feyter PJ, Roelandt JR, Serruys PW. Is quantitative angiography sufficient to guide stent implantation? A comparison with three-dimensional reconstruction of intracoronary ultrasound images. G Ital Cardiol 1997 Apr;27(4):328-36

Prauer HW, Weber WA, Romer W, Treumann T, Ziegler SI, Schwaiger M. Controlled prospective study of positron emission tomography using the glucose analogue [18f]fluorodeoxyglucose in the evaluation of pulmonary nodules. Br J Surg 1998 Nov;85(11):1506-11

Predanic M, Vlahos N, Pennisi JA, Moukhtar M, Aleem FA. Color and pulsed Doppler sonography, gray-scale imaging, and serum CA 125 in the assessment of adnexal disease. Obstet Gynecol 1996 Aug;88(2):283-8

Prompeler HJ, Madjar H, Sauerbrei W, Lattermann U, Pfleiderer A. Diagnostic formula for the differentiation of adnexal tumors by transvaginal sonography. Obstet Gynecol 1997 Mar;89(3):428-33

Prough SG, Aksel S, Yeoman R. Luteinizing hormone bioactivity and variable responses to clomiphene citrate in chronic anovulation. Fertil Steril 1990 Nov;54(5):799-804

Proust F, Callonec F, Clavier E, Lestrat JP, Hannequin D, Thiebot J, Freger P. Usefulness of transcranial color-coded sonography in the diagnosis of cerebral vasospasm. Stroke 1999 May;30(5):1091-8

Pruessner JC, Collins DL, Pruessner M, Evans AC. J Neurosci 2001 Jan 1;21(1):194-200 Age and gender predict volume decline in the anterior and posterior hippocampus in early adulthood.

Pucci E, Belardinelli N, Regnicolo L, Nolfe G, Signorino M, Salvolini U, Angeleri F. Hippocampus and parahippocampal gyrus linear measurements based on magnetic resonance in Alzheimer's disease. Eur Neurol 1998;39(1):16-25

Pujol JL, Demoly P, Daures JP, Tarhini H, Godard P, Michel FB. Chest tumor response measurement during lung cancer chemotherapy. Comparison between computed tomography and standard roentgenography. Am Rev Respir Dis 1992 May;145(5):1149-54

Pujol JL, Parrat E, Lehmann M, Gautier V, Daures JP, Michel FB, Godard P. Lung cancer chemotherapy. Response-survival relationship depends on the method of chest tumor response evaluation.Am J Respir Crit Care Med 1996 Jan;153(1):243-9

Puppo P, Perachino M, Ricciotti G, Bozzo W. Prostate cancer detection in BPH patients. Arch Esp Urol 1994 Nov;47(9):867-72

Quarles LD, Yohay DA, Carroll BA, Spritzer CE, Minda SA, Bartholomay D, Lobaugh BA. Prospective trial of pulse oral versus intravenous calcitriol treatment of hyperparathyroidism in ESRD. Kidney Int 1994 Jun;45(6):1710-21

Quinn SF, Sheley RC, Szumowski J, Shimakawa A. Evaluation of the iliac arteries: comparison of two-dimensional time of flight magnetic resonance angiography with cardiac compensated fast gradient recalled echo and contrast-enhanced three-dimensional time of flight magnetic resonance angiography. J Magn Reson Imaging 1997 Jan-Feb;7(1):197-203

Racette SB, Horowitz JF, Mittendorfer B, Klein S. Racial differences in lipid metabolism in women with abdominal obesity. Am J Physiol Regul Integr Comp Physiol 2000 Sep;279(3):R944-50

Rachinsky I, Boguslavsky L, Goldstein D, Golan H, Pak I, Katz M, Lantsberg S. Diagnosis of pyogenic pelvic inflammatory diseases by 99mTc-HMPAO leucocyte scintigraphy. Eur J Nucl Med 2000 Dec;27(12):1774-7

Raggi P, Callister TQ, Cooil B, Russo DJ, Lippolis NJ, Patterson RE. Evaluation of chest pain in patients with low to intermediate pretest probability of coronary artery disease by electron beam computed tomography. Am J Cardiol 2000 Feb 1;85(3):283-8

Rajshekhar V, Chandy MJ. Validation of diagnostic criteria for solitary cerebral cysticercus granuloma in patients presenting with seizures. Acta Neurol Scand 1997 Aug;96(2):76-81

Rambaldi R, Poldermans D, Bax JJ, Boersma E, Valkema R, Elhendy A, Vletter WB, Fioretti PM, Roelandt JR, Krenning EP. Dobutamine stress echocardiography and technetium-99m-tetrofosmin/fluorine 18-fluorodeoxyglucose single-photon emission computed tomography and influence of resting ejection fraction to assess myocardial viability in patients with severe left ventricular dysfunction and healed myocardial infarction. Am J Cardiol 1999 Jul 15;84(2):130-4

Ramsbacher J, Schilling AM, Wolf KJ, Brock M. Magnetic resonance myelography (MRM) as a spinal examination technique. Acta Neurochir (Wien) 1997;139(11):1080-4

Ranganath C, Johnson MK, D'Esposito M. Left anterior prefrontal activation increases with demands to recall specific perceptual information. J Neurosci 2000 Nov 15;20(22):RC108

Rao PM, Feltmate CM, Rhea JT, Schulick AH, Novelline RA Helical computed tomography in differentiating appendicitis and acute gynecologic conditions. Obstet Gynecol 1999 Mar;93(3):417-21

Rao PM, Rhea JT, Novelline RA, Mostafavi AA, Lawrason JN, McCabe CJ. Helical CT combined with contrast material administered only through the colon for imaging of suspected appendicitis. AJR Am J Roentgenol 1997 Nov;169(5):1275-80

Rao PM, Rhea JT. Colonic diverticulitis: evaluation of the arrowhead sign and the inflamed diverticulum for CT diagnosis. Radiology 1998 Dec;209(3):775-9

Rasanen HT, Manninen HI, Vanninen RL, Vainio P, Berg M, Saari T. Mild carotid artery atherosclerosis: assessment by 3-dimensional time-of-flight magnetic resonance angiography, with reference to intravascular ultrasound imaging and contrast angiography. Stroke 1999 Apr;30(4):827-33

Raunest J, Oberle K, Loehnert J, Hoetzinger H. The clinical value of magnetic resonance imaging in the evaluation of meniscal disorders. J Bone Joint Surg Am 1991 Jan;73(1):11-6

Razumovsky AY, Gillard JH, Bryan RN, Hanley DF, Oppenheimer SM. TCD, MRA and MRI in acute cerebral ischemia. Acta Neurol Scand 1999 Jan;99(1):65-76

Razumovsky AY, Gillard JH, Bryan RN, Hanley DF, Oppenheimer SM. TCD, MRA and MRI in acute cerebral ischemia. Acta Neurol Scand 1999 Jan;99(1):65-76

Read JW, Perko M. Shoulder ultrasound: diagnostic accuracy for impingement syndrome, rotator cuff tear, and biceps tendon pathology. J Shoulder Elbow Surg 1998 May-Jun;7(3):264-71

Regan F, Petronis J, Bohlman M, Rodriguez R, Moore R. Perirenal MR high signal--a new and sensitive indicator of acute ureteric obstruction. Clin Radiol 1997 Jun;52(6):445-50

Regan F, Schaefer DC, Smith DP, Petronis JD, Bohlman ME, Magnuson TH. The diagnostic utility of HASTE MRI in the evaluation of acute cholecystitis. Half-Fourier acquisition single-shot turbo SE. J Comput Assist Tomogr 1998 Jul-Aug;22(4):638-42

Reginster JY, Dethor M, Pirenne H, Dewe W, Albert A. Reproducibility and diagnostic sensitivity of ultrasonometry of the phalanges to assess osteoporosis. Int J Gynaecol Obstet 1998 Oct;63(1):21-8

Reichenberger F, Habicht J, Matt P, Frei R, Soler M, Bolliger CT, Dalquen P, Gratwohl A, Tamm M. Diagnostic yield of bronchoscopy in histologically proven invasive pulmonary aspergillosis. Bone Marrow Transplant 1999 Dec;24(11):1195-9

Reimer P, Jahnke N, Fiebich M, Schima W, Deckers F, Marx C, Holzknecht N, Saini S. Hepatic lesion detection and characterization: value of nonenhanced MR imaging, superparamagnetic iron oxide-enhanced MR imaging, and spiral CT-ROC analysis. Radiology 2000 Oct;217(1):152-8

Reinhold C, Taourel P, Bret PM, Cortas GA, Mehta SN, Barkun AN, Wang L, Tafazoli F. Choledocholithiasis: evaluation of MR cholangiography for diagnosis. Radiology 1998 Nov;209(2):435-42

Renfer LG, Schow D, Thompson IM, Optenberg S. Is ultrasound guidance necessary for transrectal prostate biopsy? J Urol 1995 Oct;154(4):1390-1

Rennie JM, Coughtrey H, Morley R, Evans DH. Comparison of cerebral blood flow velocity estimation with cranial ultrasound imaging for early prediction of outcome in preterm infants. J Clin Ultrasound 1995 Jan;23(1):27-31

Resnick LM, Gupta RK, DiFabio B, Barbagallo M, Mann S, Marion R, Laragh JH. Intracellular ionic consequences of dietary salt loading in essential hypertension. Relation to blood pressure and effects of calcium channel blockade. J Clin Invest 1994 Sep;94(3):1269-76

Rex DK, Vining D, Kopecky KK. An initial experience with screening for colon polyps using spiral CT with and without CT colography (virtual colonoscopy) Gastrointest Endosc 1999 Sep;50(3):309-13

Rhee E, Osborn A, Witt M. The correlation of cavernous systolic occlusion pressure with peak velocity flow using color duplex Doppler ultrasound. J Urol 1995 Feb;153(2):358-60

Richards JR, McGahan JP, Jones CD, Zhan S, Gerscovich EO. Ultrasound detection of blunt splenic injury. Injury 2001 Mar;32(2):95-103

Richards PJ, Riddell L, Reznek RH, Armstrong P, Pinching AJ, Parkin JM. High resolution computed tomography in HIV patients with suspected Pneumocystis carinii pneumonia and a normal chest radiograph. Clin Radiol 1996 Oct;51(10):689-93

Richie JP, Kavoussi LR, Ho GT, Vickers MA, O'Donnell MA, St Laurent D, Chen A, Goldstein DS, Loughlin KR. Prostate cancer screening: role of the digital rectal examination and prostate-specific antigen. Ann Surg Oncol 1994 Mar;1(2):117-20

Rickwood AM, Carty HM, McKendrick T, Williams MP, Jackson M, Pilling DW, Sprigg A. Current imaging of childhood urinary infections: prospective survey. BMJ 1992 Mar 14;304(6828):663-5

Ricotta JJ, Bryan FA, Bond MG, Kurtz A, O'Leary DH, Raines JK, Berson AS, Clouse ME, Calderon-Ortiz M, Toole JF, et al. Multicenter validation study of real-time (B-mode) ultrasound, arteriography, and pathologic examination. J Vasc Surg 1987 Nov;6(5):512-20

Rieber A, Aschoff A, Nussle K, Wruk D, Tomczak R, Reinshagen M, Adler G, Brambs HJ. MRI in the diagnosis of small bowel disease: use of positive and negative oral contrast media in combination with enteroclysis. Eur Radiol 2000;10(9):1377-82

Ries A, Singson P, Bidus M, Barnes JG. Use of the endometrial pipelle in the diagnosis of early abnormal gestations. Fertil Steril 2000 Sep;74(3):593-5

Rietbergen JB, Kranse R, Hoedemaeker RF, Kruger AE, Bangma CH, Kirkels WJ, Schroder FH. Comparison of prostate-specific antigen corrected for total prostate volume and transition zone volume in a population-based screening study. Urology 1998 Aug;52(2):237-46

Rinne D, Baum RP, Hor G, Kaufmann R. Primary staging and follow-up of high risk melanoma patients with whole-body 18F-fluorodeoxyglucose positron emission tomography: results of a prospective study of 100 patients. Cancer 1998 May 1;82(9):1664-71

Rizzi PM, Kane PA, Ryder SD, Ramage JK, Gane E, Tan KC, Portmann B, Karani J, Williams R. Accuracy of radiology in detection of hepatocellular carcinoma before liver transplantation. Gastroenterology 1994 Nov;107(5):1425-9

Robert Y, Rocourt N, Chevalier D, Duhamel A, Carcasset S, Lemaitre L. Helical CT of the larynx: a comparative study with conventional CT scan. Clin Radiol 1996 Dec;51(12):882-5

Roberts CS, Galloway KP, Honaker JT, Hulse G, Seligson D. Sonography for the office screening of suspected rotator cuff tears: early experience of the orthopedic surgeon. Am J Orthop 1998 Jul;27(7):503-6

Robertson PL, Berlangieri SU, Goergen SK, Waugh JR, Kalff V, Stevens SN, Hicks RJ, Fabiny RP, Ugoni A, Kelly MJ. Comparison of ultrasound and blood pool scintigraphy in the diagnosis of lower limb deep venous thrombosis. Clin Radiol 1994 Jun;49(6):382-90

Roehrborn CG, Girman CJ, Rhodes T, Hanson KA, Collins GN, Sech SM, Jacobsen SJ, Garraway WM, Lieber MM. Correlation between prostate size estimated by digital rectal examination and measured by transrectal ultrasound. Urology 1997 Apr;49(4):548-57

Rofsky NM, Weinreb JC, Bernardino ME, Young SW, Lee JK, Noz ME. Hepatocellular tumors: characterization with Mn-DPDP-enhanced MR imaging. Radiology 1993 Jul;188(1):53-9

Rolak LA, Beck RW, Paty DW, Tourtellotte WW, Whitaker JN, Rudick RA. Cerebrospinal fluid in acute optic neuritis: experience of the optic neuritis treatment trial. Neurology 1996 Feb;46(2):368-72

Ronchera-Oms CL, Casillas C, Marti-Bonmati L, Poyatos C, Tomas J, Sobejano A, Jimenez NV. Oral chloral hydrate provides effective and safe sedation in paediatric magnetic resonance imaging. J Clin Pharm Ther 1994 Aug;19(4):239-43

Rorvik J, Halvorsen OJ, Albrektsen G, Ersland L, Daehlin L, Haukaas S. Use of pelvic surface coil MR imaging for assessment of clinically localized prostate cancer with histopathological correlation. Clin Radiol 1999 Mar;54(3):164-9

Rorvik J, Halvorsen OJ, Albrektsen G, Haukaas S. Lymphangiography combined with biopsy and computer tomography to detect lymph node metastases in localized prostate cancer. Scand J Urol Nephrol 1998 Apr;32(2):116-9

Rosch T, Lightdale CJ, Botet JF, Boyce GA, Sivak MV Jr, Yasuda K, Heyder N, Palazzo L, Dancygier H, Schusdziarra V, et al. Localization of pancreatic endocrine tumors by endoscopic ultrasonography. N Engl J Med 1992 Jun 25;326(26):1721-6

Rose DM, Delbeke D, Beauchamp RD, Chapman WC, Sandler MP, Sharp KW, Richards WO, Wright JK, Frexes ME, Pinson CW, Leach SD. 18Fluorodeoxyglucose-positron emission tomography in the management of patients with suspected pancreatic cancer. Ann Surg 1999 May;229(5):729-37; discussion 737-8

Rosen CL, Brown DF, Sagarin MJ, Chang Y, McCabe CJ, Wolfe RE. Ultrasonography by emergency physicians in patients with suspected ureteral colic. J Emerg Med 1998 Nov-Dec;16(6):865-70

Ross BD, Jacobson S, Villamil F, Korula J, Kreis R, Ernst T, Shonk T, Moats RA. Subclinical hepatic encephalopathy: proton MR spectroscopic abnormalities. Radiology 1994 Nov;193(2):457-63

Ross J. Two techniques of laparoscopic Burch repair for stress incontinence: a prospective, randomized study. J Am Assoc Gynecol Laparosc 1996 May;3(3):351-7

Rossi CR, Seno A, Vecchiato A, Foletto M, Tregnaghi A, De Candia A, Rubaltelli L, Montesco C, Lise M. The impact of ultrasound scanning in the staging and follow-up of patients with clinical stage I cutaneous melanoma. Eur J Cancer 1997 Feb;33(2):200-3

Rossi GP, Chiesura-Corona M, Tregnaghi A, Zanin L, Perale R, Soattin S, Pelizzo MR, Feltrin GP, Pessina AC. Imaging of aldosterone-secreting adenomas: a prospective comparison of computed tomography and magnetic resonance imaging in 27 patients with suspected primary aldosteronism. J Hum Hypertens 1993 Aug;7(4):357-63

Rother J, Jonetz-Mentzel L, Fiala A, Reichenbach JR, Herzau M, Kaiser WA, Weiller C. Hemodynamic assessment of acute stroke using dynamic single-slice computed tomographic perfusion imaging. Arch Neurol 2000 Aug;57(8):1161-6

Rotmensch S, Liberati M, Bronshtein M, Schoenfeld-Dimaio M, Shalev J, Ben-Rafael Z, Copel JA. Prenatal sonographic findings in 187 fetuses with Down syndrome. Prenat Diagn 1997 Nov;17(11):1001-9

Rovaris M, Inglese M, van Schijndel RA, Sormani MP, Rodegher M, Comi G, Filippi M. Sensitivity and reproducibility of volume change measurements of different brain portions on magnetic resonance imaging in patients with multiple sclerosis. J Neurol 2000 Dec;247(12):960-5

Rovaris M, Rodegher M, Comi G, Filippi M. Correlation between MRI and short-term clinical activity in multiple sclerosis: comparison between standard- and triple-dose Gd-enhanced MRI. Eur Neurol 1999;41(3):123-7

Roy C, Le Bras Y, Mangold L, Saussine C, Tuchmann C, Pfleger D, Jacqmin D. Small pelvic lymph node metastases: evaluation with MR imaging. Clin Radiol 1997 Jun;52(6):437-40

Roy C, Saussine C, Tuchmann C, Castel E, Lang H, Jacqmin D. Duplex Doppler sonography of the flaccid penis: potential role in the evaluation of impotence. J Clin Ultrasound 2000 Jul-Aug;28(6):290-4

Rozycki GS, Ballard RB, Feliciano DV, Schmidt JA, Pennington SD. Surgeon-performed ultrasound for the assessment of truncal injuries: lessons learned from 1540 patients. Ann Surg 1998 Oct;228(4):557-67

Rozycki GS, Feliciano DV, Ochsner MG, Knudson MM, Hoyt DB, Davis F, Hammerman D, Figueredo V, Harviel JD, Han DC, Schmidt JA. The role of ultrasound in patients with possible penetrating cardiac wounds: a prospective multicenter study. J Trauma 1999 Apr;46(4):543-51; discussion 551-2

Rubin DL, Falk KL, Sperling MJ, Ross M, Saini S, Rothman B, Shellock F, Zerhouni E, Stark D, Outwater EK, Schmiedl U, Kirby LC, Chezmar J, Coates T, Chang M, Silverman JM, Rofsky N, Burnett K, Engel J, Young SW. A multicenter clinical trial of Gadolite Oral Suspension as a contrast agent for MRI. J Magn Reson Imaging 1997 Sep-Oct;7(5):865-72

Ruch DS, Aldridge M, Holden M, Smith TL, Koman LA, Smith BP. Arterial reconstruction for radial artery occlusion. J Hand Surg [Am] 2000 Mar;25(2):282-90

Rudick RA, Cookfair DL, Simonian NA, Ransohoff RM, Richert JR, Jacobs LD, Herndon RM, Salazar AM, Fischer JS, Granger CV, Goodkin DE, Simon JH, Bartoszak DM, Bourdette DN, Braiman J, Brownscheidle CM, Coats ME, Cohan SL, Dougherty DS, Kinkel RP, Mass MK, Munchsauer FE, O'Reilly K, Priore RL, Whitham RH, et al. Cerebrospinal fluid abnormalities in a phase III trial of Avonex (IFNbeta-1a) for relapsing multiple sclerosis. The Multiple Sclerosis Collaborative Research Group. J Neuroimmunol 1999 Jan 1;93(1-2):8-14

Rypins EB, Evans DG, Hinrichs W, Kipper SL. Tc-99m-HMPAO white blood cell scan for diagnosis of acute appendicitis in patients with equivocal clinical presentation. Ann Surg 1997 Jul;226(1):58-65

S Blankenberg FG, Loh NN, Bracci P, D'Arceuil HE, Rhine WD, Norbash AM, Lane B, Berg A, Person B, Coutant M, Enzmann DR. Sonography, CT, and MR imaging: a prospective comparison of neonates with suspected intracranial ischemia and hemorrhage. AJNR Am J Neuroradiol 2000 Jan;21(1):213-8

Sadek AL, Schiotz HA. Transvaginal sonography in the management of ectopic pregnancy. Acta Obstet Gynecol Scand 1995 Apr;74(4):293-6

Saez F, Urresola A, Larena JA, Martin JI, Pijuan JI, Schneider J, Ibanez E. Endometrial carcinoma: assessment of myometrial invasion with plain and gadolinium-enhanced MR imaging. J Magn Reson Imaging 2000 Sep;12(3):460-6

Said B, McCart JA, Libutti SK, Choyke PL. Ferumoxide-enhanced MRI in patients with colorectal cancer and rising CEA: surgical correlation in early recurrence. Magn Reson Imaging 2000 Apr;18(3):305-9

Saidi MH, Sadler RK, Theis VD, Akright BD, Farhart SA, Villanueva GR. Comparison of sonography, sonohysterography, and hysteroscopy for evaluation of abnormal uterine bleeding. J Ultrasound Med 1997 Sep;16(9):587-91

Saifuddin A, Burnett SJ. The value of lumbar spine MRI in the assessment of the pars interarticularis. Clin Radiol 1997 Sep;52(9):666-71

Salinsky MC, Oken BS, Kramer RE, Morehead L. A comparison of quantitative EEG frequency analysis and conventional EEG in patients with focal brain lesions. Electroencephalogr Clin Neurophysiol 1992 Dec;83(6):358-66

San Roman JA, Vilacosta I, Castillo JA, Rollan MJ, Hernandez M, Peral V, Garcimartin I, de la Torre MM, Fernandez-Aviles F. Selection of the optimal stress test for the diagnosis of coronary artery disease. Heart 1998 Oct;80(4):370-6

Sandstede JJ, Bertsch G, Beer M, Kenn W, Werner E, Pabst T, Lipke C, Kretschmer S, Neubauer S, Hahn D. Detection of myocardial viability by low-dose dobutamine Cine MR imaging. Magn Reson Imaging 1999 Dec;17(10):1437-43

Sans M, Andreu V, Bordas JM, Llach J, Lopez-Guillermo A, Cervantes F, Bruguera M, Mondelo F, Montserrat E, Teres J, Rodes J. Usefulness of laparoscopy with liver biopsy in the assessment of liver involvement at diagnosis of Hodgkin's and non-Hodgkin's lymphomas. Gastrointest Endosc 1998 May;47(5):391-5

Sarfati MR, Fox KA, Warneke JA, Fajardo LL, Hunter GC, Rappaport WD. Stereotactic fine-needle aspiration cytology of nonpalpable breast lesions: an analysis of 258 consecutive aspirates. Am J Surg 1994 Dec;168(6):529-31; discussion 531-2

Sarihan H, Sari A, Abes M, Dinc H. Nonpalpable undescending testis. Value of magnetic resonance imaging. Minerva Urol Nefrol 1998 Dec;50(4):233-6

Sato DT, Goff CD, Gregory RT, Robinson KD, Carter KA, Herts BR, Vilsack HB, Gayle RG, Parent FN 3rd, DeMasi RJ, Meier GH. Endoleak after aortic stent graft repair: diagnosis by color duplex ultrasound scan versus computed tomography scan. J Vasc Surg 1998 Oct;28(4):657-63

Sau G, Siracusano S, Aiello I, d'Aloia G, Liguori G, Stener S, Lissiani A, Belgrano E. The usefulness of the somatosensory evoked potentials of the pudendal nerve in diagnosis of probable multiple sclerosis. Spinal Cord 1999 Apr;37(4):258-63

Sauve JS, Thorpe KE, Sackett DL, Taylor W, Barnett HJ, Haynes RB, Fox AJ. Can bruits distinguish high-grade from moderate symptomatic carotid stenosis? The North American Symptomatic Carotid Endarterectomy Trial. Ann Intern Med 1994 Apr 15;120(8):633-7

Scarabino T, Carriero A, Giannatempo GM, Marano R, De Matthaeis P, Bonomo L, Salvolini U. Contrast-enhanced MR angiography (CE MRA) in the study of the carotid stenosis: comparison with digital subtraction angiography (DSA). J Neuroradiol 1999 Jun;26(2):87-91

Schachter J, Hook EW 3rd, McCormack WM, Quinn TC, Chernesky M, Chong S, Girdner JI, Dixon PB, DeMeo L, Williams E, Cullen A, Lorincz A. Ability of the digene hybrid capture II test to identify Chlamydia trachomatis and Neisseria gonorrhoeae in cervical specimens. J Clin Microbiol 1999 Nov;37(11):3668-71

Schelling M, Braun M, Kuhn W, Bogner G, Gruber R, Gnirs J, Schneider KT, Ulm K, Rutke S, Staudach A. Combined transvaginal B-mode and color Doppler sonography for differential diagnosis of ovarian tumors: results of a multivariate logistic regression analysis. Gynecol Oncol 2000 Apr;77(1):78-86

Schillaci O, Monteleone F, D'Andrea N, Picardi V, Cangemi R, Cangemi V, Scopinaro F. Technetium-99m tetrofosmin single photon emission computed tomography in the evaluation of suspected lung cancer. Cancer Biother Radiopharm 1999 Apr;14(2):129-34

Schipper I, Hop WC, Fauser BC. The follicle-stimulating hormone (FSH) threshold/window concept examined by different interventions with exogenous FSH during the follicular phase of

the normal menstrual cycle: duration, rather than magnitude, of FSH increase affects follicle development. J Clin Endocrinol Metab 1998 Apr;83(4):1292-8

Schirrmeister H, Guhlmann A, Elsner K, Kotzerke J, Glatting G, Rentschler M, Neumaier B, Trager H, Nussle K, Reske SN. Sensitivity in detecting osseous lesions depends on anatomic localization: planar bone scintigraphy versus 18F PET. J Nucl Med 1999 Oct;40(10):1623-9

Schlaepfer TE, Strain EC, Greenberg BD, Preston KL, Lancaster E, Bigelow GE, Barta PE, Pearlson GD. Site of opioid action in the human brain: mu and kappa agonists' subjective and cerebral blood flow effects. Am J Psychiatry 1998 Apr;155(4):470-3

Schlief R, Deichert U. Hysterosalpingo-contrast sonography of the uterus and fallopian tubes: results of a clinical trial of a new contrast medium in 120 patients. Radiology 1991 Jan;178(1):213-5

Schonewille WJ, Tuhrim S, Singer MB, Atlas SW. Diffusion-weighted MRI in acute lacunar syndromes. A clinical-radiological correlation study. Stroke 1999 Oct;30(10):2066-9

Schoot DC, Hop WC, de Jong FH, van Dessel TJ, Fauser BC. Initial estradiol response predicts outcome of exogenous gonadotropins using a step-down dose regimen for induction of ovulation in polycystic ovary syndrome. Fertil Steril 1995 Dec;64(6):1081-7

Schorr U, Blaschke K, Beige J, Distler A, Sharma AM. G-protein beta3 subunit 825T allele and response to dietary salt in normotensive men. J Hypertens 2000 Jul;18(7):855-9

Schroter A, Zerr I, Henkel K, Tschampa HJ, Finkenstaedt M, Poser S. Magnetic resonance imaging in the clinical diagnosis of Creutzfeldt-Jakob disease. Arch Neurol 2000 Dec;57(12):1751-7

Schutter EM, Sohn C, Kristen P, Mobus V, Crombach G, Kaufmann M, Caffier H, Kreienberg R, Verstraeten AA, Kenemans P. Estimation of probability of malignancy using a logistic model combining physical examination, ultrasound, serum CA 125, and serum CA 72-4 in postmenopausal women with a pelvic mass: an international multicenter study. Gynecol Oncol 1998 Apr;69(1):56-63

Schwarz J, Tatsch K, Gasser T, Arnold G, Oertel WH. [123]IBZM binding predicts dopaminergic responsiveness in patients with parkinsonism and previous dopaminomimetic therapy. Mov Disord 1997 Nov;12(6):898-902

Schwarzler P, Concin H, Bosch H, Berlinger A, Wohlgenannt K, Collins WP, Bourne TH. An evaluation of sonohysterography and diagnostic hysteroscopy for the assessment of intrauterine pathology. Ultrasound Obstet Gynecol 1998 May;11(5):337-42

Schwerk WB, Wichtrup B, Rothmund M, Ruschoff J. Ultrasonography in the diagnosis of acute appendicitis: a prospective study. Gastroenterology 1989 Sep;97(3):630-9

Scopinaro F, Pani R, De Vincentis G, Soluri A, Pellegrini R, Porfiri LM. High-resolution scintimammography improves the accuracy of technetium-99m methoxyisobutylisonitrile scintimammography: use of a new dedicated gamma camera. Eur J Nucl Med 1999 Oct;26(10):1279-88

Scott WW Jr, Rosenbaum JE, Ackerman SJ, Reichle RL, Magid D, Weller JC, Gitlin JN. Subtle orthopedic fractures: teleradiology workstation versus film interpretation. Radiology 1993 Jun;187(3):811-5

Secher NJ, Hansen PK, Lenstrup C, Eriksen PS. Controlled trial of ultrasound screening for light for gestational age (LGA) infants in late pregnancy. Eur J Obstet Gynecol Reprod Biol 1986 Dec;23(5-6):307-13

Segall GM, Davis MJ. Prone versus supine thallium myocardial SPECT: a method to decrease artifactual inferior wall defects. J Nucl Med 1989 Apr;30(4):548-55

Seiderer M. Phase III clinical studies with gadoteridol for the evaluation of neurologic pathology. A European perspective. Invest Radiol 1992 Aug;27 Suppl 1:S33-8

Seidman AD, Reichman BS, Crown JP, Yao TJ, Currie V, Hakes TB, Hudis CA, Gilewski TA, Baselga J, Forsythe P, et al. Paclitaxel as second and subsequent therapy for metastatic breast cancer: activity independent of prior anthracycline response. J Clin Oncol 1995 May;13(5):1152-9

Semelka RC, Schlund JF, Molina PL, Willms AB, Kahlenberg M, Mauro MA, Weeks SM, Cance WG. Malignant liver lesions: comparison of spiral CT arterial portography and MR imaging for diagnostic accuracy, cost, and effect on patient management. J Magn Reson Imaging 1996 Jan-Feb;6(1):39-43

Sengoku K, Satoh T, Saitoh S, Abe M, Ishikawa M. Evaluation of transvaginal color Doppler sonography, transvaginal sonography and CA 125 for prediction of ovarian malignancy. Int J Gynaecol Obstet 1994 Jul;46(1):39-43

Sengupta DK, Kirollos R, Findlay GF, Smith ET, Pearson JC, Pigott T. The value of MR imaging in differentiating between hard and soft cervical disc disease: a comparison with intraoperative findings. Eur Spine J 1999;8(3):199-204

Senior R, Lahiri A. Enhanced detection of myocardial ischemia by stress dobutamine echocardiography utilizing the "biphasic" response of wall thickening during low and high dose dobutamine infusion. J Am Coll Cardiol 1995 Jul;26(1):26-32

Sensier Y, Bell PR, London NJ. The ability of qualitative assessment of the common femoral Doppler waveform to screen for significant aortoiliac disease. Eur J Vasc Endovasc Surg 1998 Apr;15(4):357-64

Serafini AN, Klein JL, Wolff BG, Baum R, Chetanneau A, Pecking A, Fischman AJ, Hoover HC Jr, Wynant GE, Subramanian R, Goroff DK, Hanna MG Jr. Radioimmunoscintigraphy of recurrent, metastatic, or occult colorectal cancer with technetium 99m-labeled totally human monoclonal antibody 88BV59: results of pivotal, phase III multicenter studies. J Clin Oncol 1998 May;16(5):1777-87

Serfaty JM, Chirossel P, Chevallier JM, Ecochard R, Froment JC, Douek PC. Accuracy of three-dimensional gadolinium-enhanced MR angiography in the assessment of extracranial carotid artery disease. AJR Am J Roentgenol 2000 Aug;175(2):455-63

Serle JB, Lustgarten J, Lippa EA, Camras CB, Framm L, Payne JE, Deasy D, Podos SM. Six week safety study of 2% MK-927 administered twice daily to ocular hypertensive volunteers. J Ocul Pharmacol 1992 Spring;8(1):1-9

Servadei F, Faccani G, Roccella P, Seracchioli A, Godano U, Ghadirpour R, Naddeo M, Piazza G, Carrieri P, Taggi F, et al. Asymptomatic extradural haematomas. Results of a multicenter study of 158 cases in minor head injury. Acta Neurochir (Wien) 1989;96(1-2):39-45

Severens JL, Oerlemans HM, Weegels AJ, van 't Hof MA, Oostendorp RA, Goris RJ. Cost-effectiveness analysis of adjuvant physical or occupational therapy for patients with reflex sympathetic dystrophy. Arch Phys Med Rehabil 1999 Sep;80(9):1038-43

Shackford SR, Wald SL, Ross SE, Cogbill TH, Hoyt DB, Morris JA, Mucha PA, Pachter HL, Sugerman HJ, O'Malley K, et al. The clinical utility of computed tomographic scanning and neurologic examination in the management of patients with minor head injuries. J Trauma 1992 Sep;33(3):385-94

Shalev J, Meizner I, Bar-Hava I, Dicker D, Mashiach R, Ben-Rafael Z. Predictive value of transvaginal sonography performed before routine diagnostic hysteroscopy for evaluation of infertility. Fertil Steril 2000 Feb;73(2):412-7

Sham J, Choy D, Kwong PW, Cheng AC, Kwong DL, Yau CC, Wan KY, Au GK. Radiotherapy for nasopharyngeal carcinoma: shielding the pituitary may improve therapeutic ratio. Int J Radiat Oncol Biol Phys 1994 Jul 1;29(4):699-704

Shannon JJ, Bude RO, Orens JB, Becker FS, Whyte RI, Rubin JM, Quint LE, Martinez FJ. Endobronchial ultrasound-guided needle aspiration of mediastinal adenopathy. Am J Respir Crit Care Med 1996 Apr;153(4 Pt 1):1424-30

Sharma AK, Cherry R, Fielding JW. A randomised trial of selective or routine on-table cholangiography. Ann R Coll Surg Engl 1993 Jul;75(4):245-8

Shimizu T, Salvador L, Hughes-Benzie R, Dawson L, Nimrod C, Allanson J. The role of reduced ear size in the prenatal detection of chromosomal abnormalities. Prenat Diagn 1997 Jun;17(6):545-9

Shin SM, Choi JK. Effect of indomethacin phonophoresis on the relief of temporomandibular joint pain. Cranio 1997 Oct;15(4):345-8

Shinghal R, Terris MK. Limitations of transperineal ultrasound-guided prostate biopsies. Urology 1999 Oct;54(4):706-8

Shipley CF 3rd, Simmons CL, Nelson GH. Comparison of transvaginal sonography with endometrial biopsy in asymptomatic postmenopausal women. J Ultrasound Med 1994 Feb;13(2):99-104

Shokeir AA, Provoost AP, el-Azab M, Dawaba M, Nijman RJ. Renal Doppler ultrasound in children with obstructive uropathy: effect of intravenous normal saline fluid load and furosemide. J Urol 1996 Oct;156(4):1455-8

Shonk TK, Moats RA, Gifford P, Michaelis T, Mandigo JC, Izumi J, Ross BD. Probable Alzheimer disease: diagnosis with proton MR spectroscopy. Radiology 1995 Apr;195(1):65-72

Shoup M, Hodul P, Aranha GV, Choe D, Olson M, Leya J, Losurdo J. Defining a role for endoscopic ultrasound in staging periampullary tumors. Am J Surg 2000 Jun;179(6):453-6

Silvestri GA, Hoffman BJ, Bhutani MS, Hawes RH, Coppage L, Sanders-Cliette A, Reed CE. Endoscopic ultrasound with fine-needle aspiration in the diagnosis and staging of lung cancer. Ann Thorac Surg 1996 May;61(5):1441-5; discussion 1445-6

Simonovsky V. The diagnosis of cirrhosis by high resolution ultrasound of the liver surface. Br J Radiol 1999 Jan;72(853):29-34

Singer PS, Hopper KD, Jozefiak JA, Patrone SV, Kasales CJ, Mahraj RP, Tenhave TR, Tully DA. Extended pitch thoracic helical CT 47. Clin Imaging 1998 Jan-Feb;22(1):11-4

Singh AK, Malpass TS, Walker G. Ultrasonic assessment of injuries to the lateral complex of the ankle. Arch Emerg Med 1990 Jun;7(2):90-4

Sirisriro R, Podoloff DA, Patt YZ, Curley SA, Kasi LP, Bhadkamkar VA, Kim EE, Murray JL, Smith R, Haynie TP. 99Tcm-IMMU4 imaging in recurrent colorectal cancer: efficacy and impact on surgical management. Nucl Med Commun 1996 Jul;17(7):568-76

Sjogren M, Gustafson L, Wikkelso C, Wallin A. Frontotemporal dementia can be distinguished from Alzheimer's disease and subcortical white matter dementia by an anterior-to-posterior rCBF-SPET ratio. Dement Geriatr Cogn Disord 2000 Sep-Oct;11(5):275-85

Smit BJ, Albrecht CF, Liebenberg RW, Kruger PB, Freestone M, Gouws L, Theron E, Bouic PJ, Etsebeth S, van Jaarsveld PP. A phase I trial of hypoxoside as an oral prodrug for cancer therapy--absence of toxicity. S Afr Med J 1995 Sep;85(9):865-70

Soares SR, Barbosa dos Reis MM, Camargos AF. Diagnostic accuracy of sonohysterography, transvaginal sonography, and hysterosalpingography in patients with uterine cavity diseases. Fertil Steril 2000 Feb;73(2):406-11

Sostman HD, Layish DT, Tapson VF, Spritzer CE, DeLong DM, Trotter P, MacFall JR, Patz EF Jr, Goodman PC, Woodard PK, Foo TK, Farber JL. Prospective comparison of helical CT and MR imaging in clinically suspected acute pulmonary embolism. J Magn Reson Imaging 1996 Mar-Apr;6(2):275-81

Soto JA, Barish MA, Yucel EK, Clarke P, Siegenberg D, Chuttani R, Ferrucci JT. Pancreatic duct: MR cholangiopancreatography with a three-dimensional fast spin-echo technique. Radiology 1995 Aug;196(2):459-64

Soto JA, Barish MA, Yucel EK, Siegenberg D, Ferrucci JT, Chuttani R. Magnetic resonance cholangiography: comparison with endoscopic retrograde cholangiopancreatography. Gastroenterology 1996 Feb;110(2):589-97

Specificity of screening in United Kingdom trial of early detection of breast cancer. BMJ 1992 Feb 8;304(6823):346-9

Speck O, Chang L, DeSilva NM, Ernst T. Perfusion MRI of the human brain with dynamic susceptibility contrast: gradient-echo versus spin-echo techniques. J Magn Reson Imaging 2000 Sep;12(3):381-7

Spencer JA, Chng WJ, Hudson E, Boon AP, Whelan P. Prostate specific antigen level and Gleason score in predicting the stage of newly diagnosed prostate cancer. Br J Radiol 1998 Nov;71(851):1130-5

Spies KP, Fobbe F, El-Bedewi M, Wolf KJ, Distler A, Schulte KL. Color-coded duplex sonography for noninvasive diagnosis and grading of renal artery stenosis. Am J Hypertens 1995 Dec;8(12 Pt 1):1222-31

Spreafico C, Marchiano A, Mazzaferro V, Frigerio LF, Regalia E, Lanocita R, Patelli G, Andreola S, Garbagnati F, Damascelli B. Hepatocellular carcinoma in patients who undergo liver transplantation: sensitivity of CT with iodized oil. Radiology 1997 May;203(2):457-60

Srinivasan J, Mayberg MR, Weiss DG, Eskridge J. Duplex accuracy compared with angiography in the Veterans Affairs Cooperative Studies Trial for Symptomatic Carotid Stenosis. Neurosurgery 1995 Apr;36(4):648-53; discussion 653-5

Stafford RE, McGonigal MD, Weigelt JA, Johnson TJ. Oral contrast solution and computed tomography for blunt abdominal trauma: a randomized study. Arch Surg 1999 Jun;134(6):622-6; discussion 626-7

Stanford W, Brundage BH, MacMillan R, Chomka EV, Bateman TM, Eldredge WJ, Lipton MJ, White CW, Wilson RF, Johnson MR, et al. Sensitivity and specificity of assessing coronary

bypass graft patency with ultrafast computed tomography: results of a multicenter study. J Am Coll Cardiol 1988 Jul;12(1):1-7

Stark DD, Wittenberg J, Butch RJ, Ferrucci JT Jr. Hepatic metastases: randomized, controlled comparison of detection with MR imaging and CT. Radiology 1987 Nov;165(2):399-406

Starkman MN, Giordani B, Gebarski SS, Berent S, Schork MA, Schteingart DE. Decrease in cortisol reverses human hippocampal atrophy following treatment of Cushing's disease. Biol Psychiatry 1999 Dec 15;46(12):1595-602

Stokkel MP, Bakker PF, Heine R, Schlosser NJ, Lammers JW, Van Rijk PP. Staging of lymph nodes with FDG dual-headed PET in patients with non-small-cell lung cancer. Nucl Med Commun 1999 Nov;20(11):1001-7

Stokroos RJ, Albers FW, Krikke AP, Casselman JW. Magnetic resonance imaging of the inner ear in patients with idiopathic sudden sensorineural hearing loss. Eur Arch Otorhinolaryngol 1998;255(9):433-6

Stonecipher MR, Jorizzo JL, Monu J, Walker F, Sutej PG. Dermatomyositis with normal muscle enzyme concentrations. A single-blind study of the diagnostic value of magnetic resonance imaging and ultrasound. Arch Dermatol 1994 Oct;130(10):1294-9

Straathof CS, de Bruin HG, Dippel DW, Vecht CJ. The diagnostic accuracy of magnetic resonance imaging and cerebrospinal fluid cytology in leptomeningeal metastasis. J Neurol 1999 Sep;246(9):810-4

Strandell A, Bourne T, Bergh C, Granberg S, Asztely M, Thorburn J. The assessment of endometrial pathology and tubal patency: a comparison between the use of ultrasonography and X-ray hysterosalpingography for the investigation of infertility patients. Ultrasound Obstet Gynecol 1999 Sep;14(3):200-4

Strotzer M, Gmeinwieser J, Schmidt J, Fellner C, Seitz J, Albrich H, Zirngibl H, Feuerbach S. Diagnosis of liver metastases from colorectal adenocarcinoma. Comparison of spiral-CTAP combined with intravenous contrast-enhanced spiral-CT and SPIO-enhanced MR combined with plain MR imaging. Acta Radiol 1997 Nov;38(6):986-92

Stroumbakis N, Cookson MS, Reuter VE, Fair WR. Clinical significance of repeat sextant biopsies in prostate cancer patients. Urology 1997 Mar;49(3A Suppl):113-8

Strupp M, Bruning R, Wu RH, Deimling M, Reiser M, Brandt T. Diffusion-weighted MRI in transient global amnesia: elevated signal intensity in the left mesial temporal lobe in 7 of 10 patients. Ann Neurol 1998 Feb;43(2):164-70

Stumpe KD, Urbinelli M, Steinert HC, Glanzmann C, Buck A, von Schulthess GK. Whole-body positron emission tomography using fluorodeoxyglucose for staging of lymphoma: effectiveness and comparison with computed tomography. Eur J Nucl Med 1998 Jul;25(7):721-8

Subhannachart P, Tangthangtham A, Koanantakool T, Tungsagunwattana S. Percutaneous transthoracic needle aspiration biopsy of localized lung lesions under fluoroscopic or ultrasound guidance. J Med Assoc Thai 1999 Mar;82(3):268-74

Sugiyama M, Atomi Y. Endoscopic ultrasonography for diagnosing choledocholithiasis: a prospective comparative study with ultrasonography and computed tomography. Gastrointest Endosc 1997 Feb;45(2):143-6

Suri R, Gupta S, Gupta SK, Singh K, Suri S. Ultrasound guided fine needle aspiration cytology in abdominal tuberculosis. Br J Radiol 1998 Jul;71(847):723-7

Surwit EA, Childers JM, Krag DN, Katterhagen JG, Gallion HH, Waggoner S, Mann WJ Jr. Clinical assessment of 111In-CYT-103 immunoscintigraphy in ovarian cancer. Gynecol Oncol 1993 Mar;48(3):285-92

Taipale P, Hiilesmaa V. Sonographic measurement of uterine cervix at 18-22 weeks' gestation and the risk of preterm delivery. Obstet Gynecol 1998 Dec;92(6):902-7

Takac I. Analysis of blood flow in adnexal tumors by using color Doppler imaging and pulsed spectral analysis. Ultrasound Med Biol 1998 Oct;24(8):1137-41

Takagi A, Tsurumi Y, Ishii Y, Suzuki K, Kawana M, Kasanuki H. Clinical potential of intravascular ultrasound for physiological assessment of coronary stenosis: relationship between quantitative ultrasound tomography and pressure-derived fractional flow reserve. Circulation 1999 Jul 20;100(3):250-5

Takahashi K, Okada S, Ozaki T, Kitao M, Sugimura K. Diagnosis of pelvic endometriosis by magnetic resonance imaging using "fat-saturation" technique. Fertil Steril 1994 Nov;62(5):973-7

Takeishi Y, Sukekawa H, Saito H, Nishimura S, Shibu T, Sasaki Y, Tomoike H. Left ventricular function and myocardial perfusion during dipyridamole infusion assessed by a single injection of 99Tcm-sestamibi in patients unable to exercise. Nucl Med Commun 1994 Sep;15(9):697-703

Tan TY. Non-contrast high resolution fast spin echo magnetic resonance imaging of acoustic schwannoma. Singapore Med J 1999 Jan;40(1):27-3

Taneja K, Sharma S, Kumar K, Rajani M. Comparison of computed tomography and cineangiography in the demonstration of central pulmonary arteries in cyanotic congenital heart disease. Cardiovasc Intervent Radiol 1996 Mar-Apr;19(2):97-100

Taneja SS, Penson DF, Epelbaum A, Handler T, Lepor H. Does site specific labeling of sextant biopsy cores predict the site of extracapsular extension in radical prostatectomy surgical specimen. J Urol 1999 Oct;162(4):1352-7; discussion 1357-8

Tarin JJ, Conaghan J, Winston RM, Handyside AH. Human embryo biopsy on the 2nd day after insemination for preimplantation diagnosis: removal of a quarter of embryo retards cleavage. Fertil Steril 1992 Nov;58(5):970-6

Tavassoli K, Cavalla P, Porcelli A, Surico N. Ultrasound diagnostic criteria in breast disease. Panminerva Med 1997 Sep;39(3):178-82

Taylor AM, Thorne SA, Rubens MB, Jhooti P, Keegan J, Gatehouse PD, Wiesmann F, Grothues F, Somerville J, Pennell DJ. Coronary artery imaging in grown up congenital heart disease: complementary role of magnetic resonance and x-ray coronary angiography. Circulation 2000 Apr 11;101(14):1670-8

Taylor DJ, Kemp GJ, Radda GK. Bioenergetics of skeletal muscle in mitochondrial myopathy. J Neurol Sci 1994 Dec 20;127(2):198-206

Taylor MJ, Denbow ML, Tanawattanacharoen S, Gannon C, Cox PM, Fisk NM. Doppler detection of arterio-arterial anastomoses in monochorionic twins: feasibility and clinical application. Hum Reprod 2000 Jul;15(7):1632-6

Tepper R, Beyth Y, Altaras MM, Zalel Y, Shapira J, Cordoba M, Cohen I. Value of sonohysterography in asymptomatic postmenopausal tamoxifen-treated patients. Gynecol Oncol 1997 Mar;64(3):386-91

Tepper R, Zalel Y, Altaras M, Ben-Baruch G, Beyth Y. Transvaginal color Doppler ultrasound in the assessment of invasive cervical carcinoma. Gynecol Oncol 1996 Jan;60(1):26-9

Thomas B, Falcone RE, Vasquez D, Santanello S, Townsend M, Hockenberry S, Innes J, Wanamaker S. Ultrasound evaluation of blunt abdominal trauma: program implementation, initial experience, and learning curve. J Trauma 1997 Mar;42(3):384-8; discussion 388-90

Thompson CM, Puterman AS, Linley LL, Hann FM, van der Elst CW, Molteno CD, Malan AF. The value of a scoring system for hypoxic ischaemic encephalopathy in predicting neurodevelopmental outcome. Acta Paediatr 1997 Jul;86(7):757-61

Thourani VH, Pettitt BJ, Schmidt JA, Cooper WA, Rozycki GS. Validation of surgeon-performed emergency abdominal ultrasonography in pediatric trauma patients. J Pediatr Surg 1998 Feb;33(2):322-8

Thurfjell E, Thurfjell MG, Egge E, Bjurstam N. Sensitivity and specificity of computer-assisted breast cancer detection in mammography screening. Acta Radiol 1998 Jul;39(4):384-8

Tilanus-Linthorst MM, Obdeijn IM, Bartels KC, de Koning HJ, Oudkerk M. First experiences in screening women at high risk for breast cancer with MR imaging. Breast Cancer Res Treat 2000 Sep;63(1):53-60

Tomiyama H, Kimura Y, Sakuma Y, Shiojima K, Yamamoto A, Saito I, Ishikawa Y, Yoshida H, Morita S, Doba N. Effects of an ACE inhibitor and a calcium channel blocker on cardiovascular autonomic nervous system and carotid distensibility in patients with mild to moderate hypertension. Am J Hypertens 1998 Jun;11(6 Pt 1):682-9

Tongsong T, Wanapirak C, Srisomboon J, Sirichotiyakul S, Polsrisuthikul T, Pongsatha S. Transvaginal ultrasound in threatened abortions with empty gestational sacs. Int J Gynaecol Obstet 1994 Sep;46(3):297-301

Toni D, Iweins F, von Kummer R, Busse O, Bogousslavsky J, Falcou A, Lesaffre E, Lenzi GL. Identification of lacunar infarcts before thrombolysis in the ECASS I study. Neurology 2000 Feb 8;54(3):684-8

Torstensen ET, Hollinshead RM. Comparison of magnetic resonance imaging and arthroscopy in the evaluation of shoulder pathology. J Shoulder Elbow Surg 1999 Jan-Feb;8(1):42-5

Toubert ME, Cyna-Gorse F, Zagdanski AM, Noel-Wekstein S, Cattan P, Billotey C, Sarfati E, Rain JD. Cervicomediastinal magnetic resonance imaging in persistent or recurrent papillary thyroid carcinoma: clinical use and limits. Thyroid 1999 Jun;9(6):591-7

Tremaine MD, Choroszy CJ, Gordon GH, Menking SA. Diagnosis of deep venous thrombosis by compression ultrasound in knee arthroplasty patients. J Arthroplasty 1992 Jun;7(2):187-92

Trojano M, Avolio C, Ruggieri M, Defazio G, Giuliani F, Paolicelli D, Livrea P. Serum soluble intercellular adhesion molecule-I in MS: relation to clinical and Gd-MRI activity and to rIFN beta-Ib treatment. Mult Scler 1998 Jun;4(3):183-7

Tsuda H, Kawabata M, Kawabata K, Yamamoto K, Hidaka A, Umesaki N. Comparison between transabdominal and transvaginal ultrasonography for identifying endometrial malignancies. Gynecol Obstet Invest 1995;40(4):271-3

Tublin ME, Dodd GD 3rd, Verdile VP. Acute renal colic: diagnosis with duplex Doppler US. Radiology 1994 Dec;193(3):697-701

Turner CH, Peacock M, Timmerman L, Neal JM, Johnson CC Jr. Calcaneal ultrasonic measurements discriminate hip fracture independently of bone mass. Osteoporos Int 1995 Mar;5(2):130-5

Tuzcu EM, Berkalp B, De Franco AC, Ellis SG, Goormastic M, Whitlow PL, Franco I, Raymond RE, Nissen SE. The dilemma of diagnosing coronary calcification: angiography versus intravascular ultrasound. J Am Coll Cardiol 1996 Mar 15;27(4):832-8

Tuzel E, Sevinc M, Obuz F, Sade M, Kirkali Z. Is magnetic resonance imaging necessary in the staging of prostate cancer? Urol Int 1998;61(4):227-31

Ucakhan O, Salih M, Altan S, Ozdemir O. Color Doppler ultrasound in ocular Behcet's disease. Eur J Ophthalmol 1997 Jul-Sep;7(3):256-61

Uggowitzer MM, Kugler C, Machan L, Hausegger KA, Groell R, Quehenberger F, Lindbichler F, Schreyer H. Value of echo-enhanced Doppler sonography in evaluation of transjugular intrahepatic portosystemic shunts. AJR Am J Roentgenol 1998 Apr;170(4):1041-6

Uno H, Koide T, Kuriyama M, Ban Y, Deguchi T, Kawada Y. Prostate specific antigen density for discriminating prostate cancer from benign prostatic hyperplasia in the gray zone of prostate-specific antigen. Hinyokika Kiyo 1999 Jul;45(7):457-61

Valk PE, Abella-Columna E, Haseman MK, Pounds TR, Tesar RD, Myers RW, Greiss HB, Hofer GA. Whole-body PET imaging with [18F]fluorodeoxyglucose in management of recurrent colorectal cancer. Arch Surg 1999 May;134(5):503-11; discussion 511-3

Van den Bosch T, Vandendael A, Van Schoubroeck D, Wranz PA, Lombard CJ. Combining vaginal ultrasonography and office endometrial sampling in the diagnosis of endometrial disease in postmenopausal women. Obstet Gynecol 1995 Mar;85(3):349-52

van der Wall EE, Vliegen HW, de Roos A, Bruschke AV. Magnetic resonance techniques for assessment of myocardial viability. J Cardiovasc Pharmacol 1996;28 Suppl 1:S37-44

van Gils AP, van den Berg R, Falke TH, Bloem JL, Prins HJ, Dillon EH, van der Mey AG, Pauwels EK. MR diagnosis of paraganglioma of the head and neck: value of contrast enhancement. AJR Am J Roentgenol 1994 Jan;162(1):147-53

van Heesewijk HP, van der Graaf Y, de Valois JC, Vos JA, Feldberg MA. Chest imaging with a selenium detector versus conventional film radiography: a CT-controlled study. Radiology 1996 Sep;200(3):687-90

van Lankeren W, Gussenhoven EJ, Pieterman H, van Sambeek MR, van der Lugt A. Comparison of angiography and intravascular ultrasound before and after balloon angioplasty of the femoropopliteal artery. Cardiovasc Intervent Radiol 1998 Sep-Oct;21(5):367-74

van Nagell JR Jr, DePriest PD, Reedy MB, Gallion HH, Ueland FR, Pavlik EJ, Kryscio RJ. The efficacy of transvaginal sonographic screening in asymptomatic women at risk for ovarian cancer. Gynecol Oncol 2000 Jun;77(3):350-6

Van Oosterhout AG, Ganzevles PG, Wilmink JT, De Geus BW, Van Vonderen RG, Twijnstra A. Sequelae in long-term survivors of small cell lung cancer. Int J Radiat Oncol Biol Phys 1996 Mar 15;34(5):1037-44

Van Overhagen H, Lameris JS, Berger MY, Tilanus HW, Van Pel R, Klooswijk AI, Schutte HE. Improved assessment of supraclavicular and abdominal metastases in oesophageal and gastro-oesophageal junction carcinoma with the combination of ultrasound and computed tomography. Br J Radiol 1993 Mar;66(783):203-8

Vanbeckevoort D, Van Hoe L, Oyen R, Ponette E, De Ridder D, Deprest J. Pelvic floor descent in females: comparative study of colpocystodefecography and dynamic fast MR imaging. J Magn Reson Imaging 1999 Mar;9(3):373-7

Vanharanta H, Ohnmeiss DD, Aprill CN. Vibration pain provocation can improve the specificity of MRI in the diagnosis of symptomatic lumbar disc rupture. Clin J Pain 1998 Sep;14(3):239-47

Varghese JC, Farrell MA, Courtney G, Osborne H, Murray FE, Lee MJ. A prospective comparison of magnetic resonance cholangiopancreatography with endoscopic retrograde cholangiopancreatography in the evaluation of patients with suspected biliary tract disease. Clin Radiol 1999 Aug;54(8):513-20

Vassiliades VG, Foley WD, Alarcon J, Lawson T, Erickson S, Kneeland JB, Steinberg HV, Bernardino ME. Hepatic metastases: CT versus MR imaging at 1.5T. Gastrointest Radiol 1991 Spring;16(2):159-63

Vetto J, Pommier R, Schmidt W, Wachtel M, DuBois P, Jones M, Thurmond A. Use of the "triple test" for palpable breast lesions yields high diagnostic accuracy and cost savings. Am J Surg 1995 May;169(5):519-22

Vetto JT, Pommier RF, Schmidt WA, Eppich H, Alexander PW. Diagnosis of palpable breast lesions in younger women by the modified triple test is accurate and cost-effective. Arch Surg 1996 Sep;131(9):967-72; discussion 972-4

Vieweg J, Teh C, Freed K, Leder RA, Smith RH, Nelson RH, Preminger GM. Unenhanced helical computerized tomography for the evaluation of patients with acute flank pain. J Urol 1998 Sep;160(3 Pt 1):679-84

Vijverberg PL, Giessen MC, Kurth KH, Dabhoiwala NF, de Reijke TM, van den Tweel JG. Is preoperative transrectal ultrasonography of value in localised prostatic carcinoma? A blind comparative study between preoperative transrectal ultrasonography and the histopathological radical prostatectomy specimen. Eur J Surg Oncol 1992 Oct;18(5):449-55

Villalta S, Prandoni P, Cogo A, Bagatella P, Piccioli A, Bernardi E, Simioni P, Scarano L, Girolami A. The utility of non-invasive tests for detection of previous proximal-vein thrombosis. Thromb Haemost 1995 Apr;73(4):592-6

Vitola JV, Delbeke D, Sandler MP, Campbell MG, Powers TA, Wright JK, Chapman WC, Pinson CW. Positron emission tomography to stage suspected metastatic colorectal carcinoma to the liver. Am J Surg 1996 Jan;171(1):21-6

Volpe CM, Abdel-Nabi HH, Kulaylat MN, Doerr RJ. Results of immunoscintigraphy using a cocktail of radiolabeled monoclonal antibodies in the detection of colorectal cancer. Ann Surg Oncol 1998 Sep;5(6):489-94

von Kummer R, Bourquain H, Bastianello S, Bozzao L, Manelfe C, Meier D, Hacke W. Early prediction of irreversible brain damage after ischemic stroke at CT. Radiology 2001 Apr;219(1):95-100

Vuento MH, Pirhonen JP, Makinen JI, Tyrkko JE, Laippala PJ, Gronroos M, Salmi TA. Screening for endometrial cancer in asymptomatic postmenopausal women with conventional and colour Doppler sonography. Br J Obstet Gynaecol 1999 Jan;106(1):14-20

Wagner UA, Diedrich V, Schmitt O. Determination of skeletal maturity by ultrasound: a preliminary report. Skeletal Radiol 1995 Aug;24(6):417-20

Walker S, Haun W, Clark J, McMillin K, Zeren F, Gilliland T. The value of limited computed tomography with rectal contrast in the diagnosis of acute appendicitis. Am J Surg 2000 Dec;180(6):450-4; discussion 454-5

Waller D, Clarke S, Tsang G, Rajesh P. Is there a role for video-assisted thoracoscopy in the staging of non-small cell lung cancer? Eur J Cardiothorac Surg 1997 Aug;12(2):214-7

Walli R, Michl GM, Muhlbayer D, Brinkmann L, Goebel FD. Effects of troglitazone on insulin sensitivity in HIV-infected patients with protease inhibitor-associated diabetes mellitus. Res Exp Med (Berl) 2000 Apr;199(5):253-62

Wang Q, Takashima S, Fukuda H, Takayama F, Kobayashi S, Sone S. Detection of medullary thyroid carcinoma and regional lymph node metastases by magnetic resonance imaging. Arch Otolaryngol Head Neck Surg 1999 Aug;125(8):842-

Wax JR, Royer D, Mather J, Chen C, Aponte-Garcia A, Steinfeld JD, Ingardia CJ. A preliminary study of sonographic grading of fetal intracardiac echogenic foci: feasibility, reliability and association with aneuploidy. Ultrasound Obstet Gynecol 2000 Aug;16(2):123-7

Webb WR, Gatsonis C, Zerhouni EA, Heelan RT, Glazer GM, Francis IR, McNeil BJ. CT and MR imaging in staging non-small cell bronchogenic carcinoma: report of the Radiologic Diagnostic Oncology Group. Radiology 1991 Mar;178(3):705-13

Weber W, Young C, Abdel-Dayem HM, Sfakianakis G, Weir GJ, Swaney CM, Gates M, Stokkel MP, Parker A, Hines H, Khanvali B, Liebig JR, Leung AN, Sollitto R, Caputo G, Wagner HN Jr. Assessment of pulmonary lesions with 18F-fluorodeoxyglucose positron imaging using coincidence mode gamma cameras. J Nucl Med 1999 Apr;40(4):574-8

Wegener WA, Petrelli N, Serafini A, Goldenberg DM. Safety and efficacy of arcitumomab imaging in colorectal cancer after repeated administration. J Nucl Med 2000 Jun;41(6):1016-20

Weishaupt D, Zanetti M, Boos N, Hodler J. MR imaging and CT in osteoarthritis of the lumbar facet joints. Skeletal Radiol 1999 Apr;28(4):215-9

Weng E, Tran L, Rege S, Safa A, Sadeghi A, Juillard G, Mark R, Santiago S, Brown C, Mandelkern M. Accuracy and clinical impact of mediastinal lymph node staging with FDG-PET imaging in potentially resectable lung cancer. Am J Clin Oncol 2000 Feb;23(1):47-52

Westra SJ, Hurteau J, Galindo A, McNitt-Gray MF, Boechat MI, Laks H. Cardiac electron-beam CT in children undergoing surgical repair for pulmonary atresia. Radiology 1999 Nov;213(2):502-12

Whitlock JP, Evans AJ, Burrell HC, Pinder SE, Ellis IO, Blamey RW, Wilson AR. Digital imaging improves upright stereotactic core biopsy of mammographic microcalcifications. Clin Radiol 2000 May;55(5):374-7

Whitmore SE, Anhalt GJ, Provost TT, Zacur HA, Hamper UM, Helzlsouer KJ, Rosenshein NB. Serum CA-125 screening for ovarian cancer in patients with dermatomyositis. Gynecol Oncol 1997 May;65(2):241-4

Wiebe S, Lee DH, Karlik SJ, Hopkins M, Vandervoort MK, Wong CJ, Hewitt L, Rice GP, Ebers GC, Noseworthy JH. Serial cranial and spinal cord magnetic resonance imaging in multiple sclerosis. Ann Neurol 1992 Nov;32(5):643-50

William RR, Hussein SS, Jeans WD, Wali YA, Lamki ZA. A prospective study of soft-tissue ultrasonography in sickle cell disease patients with suspected osteomyelitis. Clin Radiol 2000 Apr;55(4):307-10

Wilson GR, McLean NR, Chippindale A, Campbell RS, Soames JV, Reed MF. The role of MRI scanning in the diagnosis of cervical lymphadenopathy. Br J Plast Surg 1994 Apr;47(3):175-9

Winchester PA, Lee HM, Khilnani NM, Wang Y, Trost DW, Bush HL Jr, Sos TA. Comparison of two-dimensional MR digital subtraction angiography of the lower extremity with x-ray angiography. J Vasc Interv Radiol 1998 Nov-Dec;9(6):891-9

Wintersperger BJ, Penzkofer HV, Knez A, Weber J, Reiser MF. Multislice MR perfusion imaging and regional myocardial function analysis: complimentary findings in chronic myocardial ischemia. Int J Card Imaging 1999 Dec;15(6):425-34

Winzelberg GG, Grossman SJ, Rizk S, Joyce JM, Hill JB, Atkinson DP, Sudina K, Anderson K, McElwain D, Jones AM. Indium-111 monoclonal antibody B72.3 scintigraphy in colorectal cancer. Correlation with computed tomography, surgery, histopathology, immunohistology, and human immune response. Cancer 1992 Apr 1;69(7):1656-63

Wittram C, Whitehouse GH, Williams JW, Bucknall RC. A comparison of MR and CT in suspected sacroiliitis. J Comput Assist Tomogr 1996 Jan-Feb;20(1):68-72

Wolansky LJ, Bardini JA, Cook SD, Zimmer AE, Sheffet A, Lee HJ. Triple-dose versus single-dose gadoteridol in multiple sclerosis patients. J Neuroimaging 1994 Jul;4(3):141-5

Wolf JS Jr, Cher M, Dall'era M, Presti JC Jr, Hricak H, Carroll PR. The use and accuracy of cross-sectional imaging and fine needle aspiration cytology for detection of pelvic lymph node metastases before radical prostatectomy. J Urol 1995 Mar;153(3 Pt 2):993-9

Wolzt M, Schmetterer L, Rheinberger A, Salomon A, Unfried C, Breiteneder H, Ehringer H, Eichler HG, Fercher AF. Comparison of non-invasive methods for the assessment of haemodynamic drug effects in healthy male and female volunteers: sex differences in cardiovascular responsiveness. Br J Clin Pharmacol 1995 Apr;39(4):347-59

Wong TW, Lau CC, Yeung A, Lo L, Tai CM. Efficacy of transabdominal ultrasound examination in the diagnosis of early pregnancy complications in an emergency department. J Accid Emerg Med 1998 May;15(3):155-8

Wood SL, St Onge R, Connors G, Elliot PD. Evaluation of the twin peak or lambda sign in determining chorionicity in multiple pregnancy. Obstet Gynecol 1996 Jul;88(1):6-9

Woodard PK, Slone RM, Sagel SS, Fleishman MJ, Gutierrez FR, Reiker GG, Pilgram TK, Jost RG. Detection of CT-proved pulmonary nodules: comparison of selenium-based digital and conventional screen-film chest radiographs. Radiology 1998 Dec;209(3):705-9

Wu CH, Lee MM, Huang KC, Ko JY, Sheen TS, Hsieh FJ. A probability prediction rule for malignant cervical lymphadenopathy using sonography. Head Neck 2000 May;22(3):223-8

Wyse LJ, Jones M, Mandel F. Relationship of glycosylated hemoglobin, fetal macrosomia, and birthweight macrosomia. Am J Perinatol 1994 Jul;11(4):260-2

Xiong J, Rao S, Gao JH, Woldorff M, Fox PT. Evaluation of hemispheric dominance for language using functional MRI: a comparison with positron emission tomography. Hum Brain Mapp 1998;6(1):42-58

Yamaguchi A, Ishida T, Nishimura G, Kanno M, Kosaka T, Yonemura Y, Izumi R, Miyazaki I, Matsui O. Detection by CT during arterial portography of colorectal cancer metastases to liver. Dis Colon Rectum 1991 Jan;34(1):37-40

Yang WT, Lam WW, Yu MY, Cheung TH, Metreweli C. Comparison of dynamic helical CT and dynamic MR imaging in the evaluation of pelvic lymph nodes in cervical carcinoma. AJR Am J Roentgenol 2000 Sep;175(3):759-66

Yang WT, Suen M, Ahuja A, Metreweli C. In vivo demonstration of microcalcification in breast cancer using high resolution ultrasound. Br J Radiol 1997 Jul;70(835):685-90

Yang Y, Wen H, Mattay VS, Balaban RS, Frank JA, Duyn JH. Comparison of 3D BOLD functional MRI with spiral acquisition at 1.5 and 4.0 T. Neuroimage 1999 Apr;9(4):446-51

Yao Z, Liu XJ, Shi RF, Dai R, Zhang S, Liu YZ, Tian YQ, Zhang XL. A comparison of 99Tcm-MIBI myocardial SPET and electron beam computed tomography in the assessment of coronary artery disease in two different age groups. Nucl Med Commun 2000 Jan;21(1):43-8

Yarnold JR, Bamber JC, Gibbs J. Tumour growth delay as a clinical endpoint for the measurement of radiation response. Radiother Oncol 1986 Mar;5(3):207-14

Yeh PH, Jaw WC, Wang TC, Yen TY. Evaluation of iliopsoas compartment disorders by computed tomography. Zhonghua Yi Xue Za Zhi (Taipei) 1995 Feb;55(2):172-9

Yen YF, Han KF, Daniel BL, Heiss S, Birdwell RL, Herfkens RJ, Sawyer-Glover AM, Glover GH. Dynamic breast MRI with spiral trajectories: 3D versus 2D. J Magn Reson Imaging 2000 Apr;11(4):351-9

Yeoh EE, Botten R, Russo A, McGowan R, Fraser R, Roos D, Penniment M, Borg M, Sun W. Chronic effects of therapeutic irradiation for localized prostatic carcinoma on anorectal function. Int J Radiat Oncol Biol Phys 2000 Jul 1;47(4):915-24

Yeung CK, Tam YH, Chan YL, Lee KH, Metreweli C. A new management algorithm for impalpable undescended testis with gadolinium enhanced magnetic resonance angiography. J Urol 1999 Sep;162(3 Pt 2):998-1002

Young GR, Humphrey PR, Shaw MD, Nixon TE, Smith ET. Comparison of magnetic resonance angiography, duplex ultrasound, and digital subtraction angiography in assessment of extracranial internal carotid artery stenosis. J Neurol Neurosurg Psychiatry 1994 Dec;57(12):1466-78

Yucha CB, Russ P, Baker S. Detecting i.v. infiltrations using a Venoscope. J Intraven Nurs 1997 Jan-Feb;20(1):50-5

Zannetti S, De Rango P, Parente B, Parlani G, Verzini F, Maselli A, Nardelli L, Cao P. Role of duplex scan in endoleak detection after endoluminal abdominal aortic aneurysm repair. Eur J Vasc Endovasc Surg 2000 May;19(5):531-5

Zarahn E, Aguirre G, D'Esposito M. A trial-based experimental design for fMRI. Neuroimage 1997 Aug;6(2):122-38

Zardawi IM, Hearnden F, Meyer P, Trevan B. Ultrasound-guided fine needle aspiration cytology of impalpable breast lesions in a rural setting. Comparison of cytology with imaging and final outcome. Acta Cytol 1999 Mar-Apr;43(2):163-8

Zhou XH, Gatsonis CA. A simple method for comparing correlated ROC curves using incomplete data. Stat Med 1996 Aug 15;15(15):1687-93

Zidi SH, Prat F, Le Guen O, Rondeau Y, Rocher L, Fritsch J, Choury AD, Pelletier G. Use of magnetic resonance cholangiography in the diagnosis of choledocholithiasis: prospective comparison with a reference imaging method. Gut 1999 Jan;44(1):118-22

Zielke A, Hasse C, Sitter H, Rothmund M. Influence of ultrasound on clinical decision making in acute appendicitis: a prospective study. Eur J Surg 1998 Mar;164(3):201-9

Zimmermann P, Alback T, Koskinen J, Vaalamo P, Tuimala R, Ranta T. Doppler flow velocimetry of the umbilical artery, uteroplacental arteries and fetal middle cerebral artery in prolonged pregnancy. Ultrasound Obstet Gynecol 1995 Mar;5(3):189-97

Zinzani PL, Zompatori M, Bendandi M, Battista G, Fanti S, Barbieri E, Gherlinzoni F, Rimondi MR, Frezza G, Pisi P, Merla E, Gozzetti A, Canini R, Monetti N, Babini L, Tura S. Monitoring bulky mediastinal disease with gallium-67, CT-scan and magnetic resonance imaging in Hodgkin's disease and high-grade non-Hodgkin's lymphoma. Leuk Lymphoma 1996 Jun;22(1-2):131-5

Zizka J, Elias P, Krajina A, Michl A, Lojik M, Ryska P, Maskova J, Hulek P, Safka V, Vanasek T, Bukac J. Value of Doppler sonography in revealing transjugular intrahepatic portosystemic shunt malfunction: a 5-year experience in 216 patients. AJR Am J Roentgenol 2000 Jul;175(1):141-8

Zonderland HM, Coerkamp EG, Hermans J, van de Vijver MJ, van Voorthuisen AE. Diagnosis of breast cancer: contribution of US as an adjunct to mammography. Radiology 1999 Nov;213(2):413-22

Zook PD, Winter TC 3rd, Nyberg DA. Iliac angle as a marker for Down syndrome in second-trimester fetuses: CT measurement. Radiology 1999 May;211(2):447-51

Zuberi SM, Matta N, Nawaz S, Stephenson JB, McWilliam RC, Hollman A. Muscle ultrasound in the assessment of suspected neuromuscular disease in childhood. Neuromuscul Disord 1999 Jun;9(4):203-7

Articles Reviewed-Psychological

Acklin, Marvin W.; McDowell II, Claude J.; Verschell, Mark S.; Chan, Darryl. Interobserver agreement, intraobserver reliability, and the Rorschach comprehensive system. Journal of Personality Assessment. 2000 Feb Vol 74(1) 15-47

Aertgeerts, Bert; Buntinx, F.; Bande-Knops, J.; Vandermeulen, C.; Roelants, M.; Ansoms, S.; Fevery, J. The value of CAGE, CUGE, and AUDIT in screening for alcohol abuse and dependence among college freshmen. Alcoholism: Clinical & Experimental Research. 2000 Jan Vol 24(1) 53-57

Andersson, Helle W. The Fagan Test of Infant Intelligence: Predictive validity in a random sample. Psychological Reports. 1996 Jun Vol 78(3, Pt 1) 1015-1026

Appleby, Lawrence; Dyson, Vida; Altman, Edward; Luchins, Daniel J. Assessing substance use in multiproblem patients: Reliability and validity of the Addiction Severity Index in a mental hospital population. Journal of Nervous & Mental Disease. 1997 Mar Vol 185(3) 159-165

Baird, Gillian; Charman, Tony; Baron-Cohen, Simon; Cox, Anthony; Swettenham, John; Wheelwright, Sally; Drew, Auriol. A screening instrument for autism at 18 months of age: A 6-year follow-up study. Journal of the American Academy of Child & Adolescent Psychiatry. 2000 Jun Vol 39(6) 694-702

Balogh, Deborah W.; Merritt, Rebecca D.; Steuerwald, Brian L. Concurrent validity for the Rust Inventory of Schizotypal Cognitions. British Journal of Clinical Psychology. 1991 Nov Vol 30(4) 378-380

Barry, Kristen L.; Fleming, Michael F. The Alcohol Use Disorders Identification Test (AUDIT) and the SMAST-13: Predictive validity in a rural primary care sample. Alcohol & Alcoholism. 1993 Jan Vol 28(1) 33-42

Basco, Monica Ramirez; Bostic, Jeff Q.; Davies, Dona; Rush, A. John; Witte, Brad; Hendrickse, William; Barnett, Vicki. Methods to improve diagnostic accuracy in a community mental health setting. American Journal of Psychiatry. 2000 Oct Vol 157(10) 1599-1605

Bebbington, Paul; Nayani, Tony. The Psychosis Screening Questionnaire. International Journal of Methods in Psychiatric Research. 1995 Apr Vol 5(1) 11-19

Beidel, Deborah C.; Turner, Samuel M.; Stanley, Melinda A.; Dancu, Constance V. The Social Phobia and Anxiety Inventory: Concurrent and external validity. Behavior Therapy. 1989 Sum Vol 20(3) 417-427

Bernstein, David E. The science of forensic psychiatry and psychology. Psychiatry, Psychology & Law. 1995 Apr Vol 2(1) 75-80

Berument, Sibel Kazak; Rutter, Michael; Lord, Catherine; Pickles, Andrew; Bailey, Anthony. Autism screening questionnaire: Diagnostic validity. British Journal of Psychiatry. 1999 Nov Vol 175 444-451

Berwick, Donald M.; Murphy, Jane M.; Goldman, Paula A.; Ware, John E.; et al. Performance of a five-item mental health screening test. Medical Care. 1991 Feb Vol 29(2) 169-176

Birtchnell, John; Evans, Chris; Deahl, Martin; Masters, Nigel. The Depression Screening Instrument (DSI): A device for the detection of depressive disorders in general practice. Journal of Affective Disorders. 1989 Mar-Jun Vol 16(2-3) 269-281

Bisson, Jocelyn; Nadeau, Louise; Demers, Andree. The validity of the CAGE scale to screen for heavy drinking and drinking problems in a general population survey. Addiction. 1999 May Vol 94(5) 715-722

Blais, Mark A.; Hilsenroth, Mark J.; Fowler, J. Christopher Diagnostic efficiency and hierarchical functioning of the DSM-IV borderline personality disorder criteria. Journal of Nervous & Mental Disease. 1999 Mar Vol 187(3) 167-173

Bohn, Michael J.; Babor, Thomas F.; Kranzler, Henry R. The alcohol use disorders identification test (AUDIT): Validation of a screening instrument for use in medical settings. Journal of Studies on Alcohol. 1995 Jul Vol 56(4) 423-432

Borofsky, Gerald L. Assessing the likelihood of reliable workplace behavior: Further contributions to the validation of the Employee Reliability Inventory. Psychological Reports. 1992 Apr Vol 70(2) 563-592

Borofsky, Gerald L.; Smith, Michael. Reductions in turnover, accidents, and absenteeism: The contribution of a pre-employment screening inventory. Journal of Clinical Psychology. 1993 Jan Vol 49(1) 109-116

Boswell, Donald L.; Tarver, Phoebe J.; Simoneaux, John C. The Psychological Screening Inventory's usefulness as a screening instrument for adolescent inpatients. Journal of Personality Assessment. 1994 Apr Vol 62(2) 262-268

Boulet, Jack; Boss, Marvin W. Reliability and validity of the Brief Symptom Inventory. Psychological Assessment. 1991 Sep Vol 3(3) 433-437

Bradley, Katharine A.; Boyd-Wickizer, Jodie; Powell, Suzanne H.; Burman, Marcia L. Alcohol screening questionnaires in women: A critical review. JAMA: Journal of the American Medical Association. 1998 Jul Vol 280(2) 166-171

Braeunig, Peter; Krueger, Stephanie; Shugar, Gerald; Hoeffler, Juergen; Boerner, Ingrid. The Catatonia Rating Scale I--development, reliability, and use. Comprehensive Psychiatry. 2000 Mar-Apr Vol 41(2) 147-158

Bronisch, Thomas; Mombour, W. The modern assessment of personality disorders: II. Reliability and validity of personality disorders. Psychopathology. 1998 Nov-Dec Vol 31(6) 293-301

Brooks, David A.; Williams, Ronald N.; Dean, Raymond S.; Wood, Tina M.; et al. The predictive validity of a neuropsychological screening measure. International Journal of Neuroscience. 1990 Mar Vol 51(1-2) 83-88

Butcher, James N.; Graham, John R. The MMPI-2: A new standard for personality assessment and research in counseling settings. Measurement & Evaluation in Counseling & Development. 1994 Oct Vol 27(3) 131-150

Butcher, James N.; Perry, Julia N.; Atlis, Mera M. Validity and utility of computer-based test interpretation. Psychological Assessment. 2000 Mar Vol 12(1) 6-18

Byrne, Joseph M.; Backman, Joan E.; Bawden, Harry N. Minnesota Child Development Inventory: A normative study. Canadian Psychology. 1995 May Vol 36(2) 115-130

Camara, Wayne J.; Schneider, Dianne L. Integrity tests: Facts and unresolved issues. American Psychologist. 1994 Feb Vol 49(2) 112-119

Canivez, Gary L. Validity and diagnostic efficiency of the Kaufman Brief Intelligence Test in reevaluating students with learning disability. Journal of Psychoeducational Assessment. 1996 Mar Vol 14(1) 4-19

Canivez, Gary L. Validity of the Kaufman Brief Intelligence Test: Comparisons with the Wechsler Intelligence Scale for Children--Third Edition. Assessment. 1995 Jun Vol 2(2) 101-111

Carey, Kate B.; Cocco, Karen M.; Simons, Jeffrey S. Concurrent validity of clinicians' ratings of substance abuse among psychiatric outpatients. Psychiatric Services. 1996 Aug Vol 47(8) 842-847

Carter, Denis R.; Ruiz, Nicholas J. Discriminant validity and reliability studies on the Sexual Addiction Scale of the Disorders Screening InventorySexual Addiction & Compulsivity. 1996 Vol 3(4) 332-340

Castlebury, Frank D.; Hilsenroth, Mark J.; Handler, Leonard; Durham, Thomas W. Use of the MMPI-2 Personality Disorder Scales in the assessment of DSM-IV antisocial, borderline, and narcissistic personality disorders. Assessment. 1997 Jun Vol 4(2) 155-168

Chaffee, C. Anne; Cunningham, Charles E.; Secord-Gilbert, Margaret; Elbard, Heather; et al. Screening effectiveness of the Minnesota Child Development Inventory expressive and receptive language scales: Sensitivity, specificity, and predictive value. Psychological Assessment. 1990 Mar Vol 2(1) 80-85

Chen, Wei J.; Faraone, Stephen V.; Biederman, Joseph; Tsuang, Ming T. Diagnostic accuracy of the Child Behavior Checklist scales for attention-deficit hyperactivity disorder: A receiver-operating characteristic analysis. Journal of Consulting & Clinical Psychology. 1994 Oct Vol 62(5) 1017-1025

Cherpitel, Cheryl J. Screening for alcohol problems in the U.S. general population: A comparison of the CAGE and TWEAK by gender, ethnicity, and services utilization. Journal of Studies on Alcohol. 1999 Sep Vol 60(5) 705-711

Chouinard, Marie-Josee; Braun, Claude M. A meta-analysis of the relative sensitivity of neuropsychological screening tests. Journal of Clinical & Experimental Neuropsychology. 1993 Jul Vol 15(4) 591-607

Clarke, David M.; McKenzie, Dean P. A caution on the use of cut-points applied to screening instruments or diagnostic criteria. Journal of Psychiatric Research. 1994 Mar-Apr Vol 28(2) 185-188

Colligan, Robert C.; Davis, Leo J.; Morse, Robert M.; Offord, Kenneth P. Screening medical patients for alcoholism with the MMPI: A comparison of seven scales. Journal of Clinical Psychology. 1988 Jul Vol 44(4) 582-592

Cooper, Lucy; Peters, Lorna; Andrews, Gavin. Validity of the Composite International Diagnostic Interview (CIDI) psychosis module in a psychiatric setting. Journal of Psychiatric Research. 1998 Nov-Dec Vol 32(6) 361-368

Craig, Robert J. Sensitivity of MCMI-III scales T (drugs) and B (alcohol) in detecting substance abuse. Substance Use & Misuse. 1997 Aug Vol 32(10) 1385-1393

David, Sandra K.; Riley, William T. The relationship of the Allen Cognitive Level Test to cognitive abilities and psychopathology. American Journal of Occupational Therapy. 1990 Jun Vol 44(6) 493-497

de las Cuevas, Carlos; Sanz, Emilio J.; de la Fuente, Juan A.; Padilla, Jonathan; Berenguer, Juan C. The Severity of Dependence Scale (SDS) as screening test for benzodiazepine dependence: SDS validation study. Addiction. 2000 Feb Vol 95(2) 245-250

Dembo, Richard; Schmeidler, James; Borden, Pollyanne; Sue, Camille Chin; Manning, Darrell. Use of the POSIT among arrested youths entering a juvenile assessment center: A replication and update. Journal of Child & Adolescent Substance Abuse. 1997 Vol 6(3) 19-42

Dent, Alexandra; Lincoln, Nadina B. Screening for memory problems in multiple sclerosis. British Journal of Clinical Psychology. 2000 Sep Vol 39(3) 311-315

Diagnosing dementia: Interrater reliability assessment and accuracy of the NINCDS/ADRDA criteria versus CERAD histopathological criteria for Alzheimer's disease. Dementia & Geriatric Cognitive Disorders. 2000 Mar-Apr Vol 11(2) 107-113

Douglas, Kevin S.; Ogloff, James R. P.; Nicholls, Tonia L.; Grant, Isabel. Assessing risk for violence among psychiatric patients: The HCR-20 violence risk assessment scheme and the Psychopathy Checklist: Screening Version. Journal of Consulting & Clinical Psychology. 1999 Dec Vol 67(6) 917-930

Drebing, Charles E.; Van Gorp, Wilfred G.; Stuck, Andreas E.; Mitrushina, Maura; et al. Early detection of cognitive decline in higher cognitively functioning older adults: Sensitivity and specificity of a neuropsychological screening battery. Neuropsychology. 1994 Jan Vol 8(1) 31-38

Dyson, Vida; Appleby, Lawrence; Altman, Edward; Doot, Martin; Luchins, Daniel J.; Delehant, Michelle. Efficiency and validity of commonly used substance abuse screening instruments in public psychiatric patients. Journal of Addictive Diseases. 1998 Vol 17(2) 57-76

El-Bassel, Nabila; Schilling, Robert F.; Schinke, Steven; Orlandi, Mario; et al. Assessing the utility of the Drug Abuse Screening Test in the workplace. Research on Social Work Practice. 1997 Jan Vol 7(1) 99-114

Epstein, Michael H.; Harniss, Mark K.; Pearson, Nils; Ryser, Gail. The Behavioral and Emotional Rating Scale: Test-retest and inter-rater reliability. Journal of Child & Family Studies. 1999 Sep Vol 8(3) 319-327

Erford, Bradley T.; Bagley, Donna L.; Hopper, James A.; Lee, Ramona M.; Panagopulos, Kathleen A.; Preller, Denise B. Reliability and validity of the Math Essential Skill Screener-Elementary Version (MESS-E).Psychology in the Schools. 1998 Apr Vol 35(2) 127-135.

Fals-Stewart, William. Ability of counselors to detect cognitive impairment among substance-abusing patients: An examination of diagnostic efficiency. Experimental & Clinical Psychopharmacology. 1997 Feb Vol 5(1) 39-50

Fertig, Joanne B.; Allen, John P.; Cross, Gerald M. CAGE as a predictor of hazardous alcohol consumption in U.S. Army personnel. Alcoholism: Clinical & Experimental Research. 1993 Dec Vol 17(6) 1184-1887

Flanagan, Dawn P.; McGrew, Kevin S.; Abramowitz, Elaine; Untiedt, Stephanie; et al. Improvement in academic screening instruments? A concurrent validity investigation of the K-FAST, MBA, and WRAT-3. Journal of Psychoeducational Assessment. 1997 Jun Vol 15(2) 99-112

Foa, Edna B.; Cashman, Laurie; Jaycox, Lisa; Perry, Kevin. The validation of a self-report measure of posttraumatic stress disorder: The Posttraumatic Diagnostic Scale. Psychological Assessment. 1997 Dec Vol 9(4) 445-451

Forth, Adelle E.; Brown, Shelley L.; Hart, Stephen D.; Hare, Robert D. The assessment of psychopathy in male and female noncriminals: Reliability and validity. Personality & Individual Differences. 1996 May Vol 20(5) 531-543

Frank, Rowena M.; Bryne, Gerard J. The clinical utility of the Hopkins Verbal Learning Test as a screening test for mild dementia. International Journal of Geriatric Psychiatry. 2000 Apr Vol 15(4) 317-324

Fuhrer, Rebecca; Ritchie, Karen. "Screening for dementia: A comparison of two tests using Receiver Operating Characteristic (ROC) analysis": Comment. International Journal of Geriatric Psychiatry. 1993 Oct Vol 8(10) 867-868

Garrison, Carol Z.; Addy, Cheryl L.; Jackson, Kirby L.; McKeown, Robert E.; et al. The CES-D as a screen for depression and other psychiatric disorders in adolescents. Journal of the American Academy of Child & Adolescent Psychiatry. 1991 Jul Vol 30(4) 636-641

Ghubash, R.; Daradkeh, T.; El-Rufaie, O. F.; Abou-Saleh, M. T. A comparison of the validity of two psychiatric screening questionnaires: The Arabic General Health Questionnaire (AGHQ) and Self-Reporting Questionnaire (SRQ-10) in UAE, using receiver operating characteristic (ROC) analysis. European Psychiatry. 2001 Mar Vol 16(2) 122-126

Glascoe, Frances Page; Byrne, Karen E. The accuracy of three developmental screening tests. Journal of Early Intervention. 1993 Fal Vol 17(4) 368-379

Goethe, John W.; Fischer, Edward H. Validity of the diagnostic interview schedule for detecting alcoholism in psychiatric inpatients. American Journal of Drug & Alcohol Abuse. 1995 Nov Vol 21(4) 565-571

Gottlieb, Gary L.; Gur, Raquel E.; Gur, Ruben C. Reliability of psychiatric scales in patients with dementia of the Alzheimer type. American Journal of Psychiatry. 1988 Jul Vol 145(7) 857-860

Gray, Shelley; Plante, Elena; Vance, Rebecca; Henrichsen, Mary. The diagnostic accuracy of four vocabulary tests administered to preschool-age children. Language, Speech, & Hearing Services in Schools. 1999 Apr Vol 30(2) 196-206

Green, Herman G.; Zar, Jerrold H. A BASIC program to compute the sensitivity, specificity, and predictive values of screening tests. Educational & Psychological Measurement. 1989 Spr Vol 49(1) 147-150

Gross, Kristin; Keyes, Megan D.; Greene, Roger L. Assessing depression with the MMPI and MMPI-2. Journal of Personality Assessment. 2000 Dec Vol 75(3) 464-477

Gureje, O.; Obikoya, B. The GHQ-12 as a screening tool in a primary care setting. Social Psychiatry & Psychiatric Epidemiology. 1990 Sep Vol 25(5) 276-280

Hanlon, Mark J.; Larson, Stephen; Zacher, Sandy. The Minnesota SOST and sexual reoffending in North Dakota: A retrospective study. International Journal of Offender Therapy & Comparative Criminology. 1999 Mar Vol 43(1) 71-77

Hays, Ron D.; Merz, Jon F.; Nicholas, Ronald. Response burden, reliability, and validity of the CAGE, Short MAST, and AUDIT alcohol screening measures. Behavior Research Methods, Instruments & Computers. 1995 May Vol 27(2) 277-280

Heard, Sharon A.; Ayers, Jerry B. Validity of the American College Test in predicting success on the Pre-Professional Skills TestEducational & Psychological Measurement. 1988 Spr Vol 48(1) 197-200

Hedges, Larry V.; Hasselblad, Vic. Meta-analysis of screening and diagnostic testsPsychological Bulletin. 1995 Jan Vol 117(1) 167-178

Hiatt, Deirdre; Hargrave, George E. Predicting job performance problems with psychological screening. Journal of Police Science & Administration. 1988 Jun Vol 16(2) 122-135

Hilsenroth, Mark J.; Fowler, J. Christopher; Padawer, Justin R. The Rorschach Schizophrenia Index (SCZI): An examination of reliability, validity, and diagnostic efficiency. Journal of Personality Assessment. 1998 Jun Vol 70(3) 514-534

Hirschfeld, Robert M. A.; Williams, Janet B. W.; Spitzer, Robert L.; Calabrese, Joseph R.; Flynn, Laurie; Keck, Paul E., Jr.; Lewis, Lydia; McElroy, Susan L.; Post, Robert M.; Rapport, Daniel J.; Russell, James M.; Sachs, Gary S.; Zajecka, John. Development and validation of a screening instrument for bipolar spectrum disorder: The Mood Disorder Questionnaire. American Journal of Psychiatry. 2000 Nov Vol 157(11) 1873-1875

Hogan, Robert; Hogan, Joyce; Roberts, Brent W. Personality measurement and employment decisions: Questions and answers. American Psychologist. 1996 May Vol 51(5) 469-477

Hogervorst, Eef; Barnetson, L.; Jobst, K. A.; Nagy, Zs.; Combrinck, M.; Smith, A. D.

Holden, Ronald R.; Grigoriadis, Sophie. Psychometric properties of the Holden Psychological Screening Inventory for a psychiatric offender sample. Journal of Clinical Psychology. 1995 Nov Vol 51(6) 811-819

Holden, Ronald R.; Starzyk, Katherine B.; McLeod, Lindsay D.; Edwards, Melanie J. Comparisons among the Holden Psychological Screening Inventory (HPSI), the Brief Symptom Inventory (BSI), and the Balanced Inventory of Desirable Responding (BIDR). Assessment. 2000 Jun Vol 7(2) 163-175

Honts, Charles R. Counterintelligence Scope Polygraph (CSP) test found to be poor discriminator. Forensic Reports. 1992 Apr-Jun Vol 5(2) 215-218

Huppert, Felicia A.; Jorm, Anthony F.; Brayne, Carol; Girling, Deborah M.; et al. Psychometric properties of the CAMCOG and its efficacy in the diagnosis of dementia. Aging, Neuropsychology, & Cognition. 1996 Sep Vol 3(3) 201-214

Hyde, Clive E. The Manchester Scale: A standardised psychiatric assessment for rating chronic psychotic patients. British Journal of Psychiatry. 1989 Nov Vol 155(Suppl 7) 45

Hyler, Steven E.; Skodol, Andrew E.; Oldham, John M.; Kellman, H. David; et al. Validity of the Personality Diagnostic Questionnaire--Revised: A replication in an outpatient sample. Comprehensive Psychiatry. 1992 Mar-Apr Vol 33(2) 73-77

Inwald, Robin E.; Brockwell, Albert L. Predicting the performance of government security personnel with the IPI and MMPI. Journal of Personality Assessment. 1991 Jun Vol 56(3) 522-535

Inwald, Robin. How to evaluate psychological/honesty tests. Personnel Journal. 1988 May Vol 67(5) 40-46

Isohanni, Matti; Winblad, Ilkka; Nieminen, Pentti; Hiltunen, Pirkko; Spalding, Michael. A short DSM-III-R-based diagnostic instrument for screening mental disorders in geriatric institutions. International Psychogeriatrics. 1996 Fal Vol 8(3) 459-468

Iverson, Grant L.; Franzen, Michael D.; Demarest, David S.; Hammond, Jeffrey A. Neuropsychological screening in correctional settings. Criminal Justice & Behavior. 1993 Dec Vol 20(4) 347-358

Ivnik, Robert J.; Smith, Glenn E.; Petersen, Ronald C.; Boeve, Bradley F.; Kokmen, Emre; Tangalos, Eric G. Diagnostic accuracy of four approaches to interpreting neuropsychological test data. Neuropsychology. 2000 Apr Vol 14(2) 163-177

James, John A.; Boake, Corwin. MMPI profiles of child abusers and neglecters. International Journal of Family Psychiatry. 1988 Vol 9(4) 351-371

Jason, Leonard A.; Ropacki, Michael T.; Santoro, Nicole B.; Richman, Judith A.; Heatherly, Wendy; Taylor, Renee; Ferrari, Joseph R.; Haney-Davis, Trina M.; Rademaker, Alfred; Dupuis, Josee; Golding, Jacqueline; Plioplys, Audrius V.; Plioplys, Sigita. A screening instrument for chronic fatigue syndrome: Reliability and validity. Journal of Chronic Fatigue Syndrome. 1997 Vol 3(1) 39-59

Johnson, Edward E.; Hamer, Robert M.; Nora, Rena M. The Lie/Bet questionnaire for screening pathological gamblers: A follow-up study. Psychological Reports. 1998 Dec Vol 83(3, Pt 2) 1219-1224

Johnson, Sally; Barrett, Paula M.; Dadds, Mark R.; Fox, Tara; Shortt, Alison The Diagnostic Interview Schedule for Children, Adolescents, and Parents: Initial reliability and validity data. Behaviour Change. 1999 Vol 16(3) 155-164

Jorgenson, Christabel B.; Jorgenson, David E. Concurrent and predictive validity of an early childhood screening test. International Journal of Neuroscience. 1996 Jan-Apr Vol 84(1-4) 97-102

Journal of Clinical Psychology. 1993 May Vol 49(3) 372-382

Kabacoff, Robert I.; Segal, Daniel L.; Hersen, Michel; Van Hasselt, Vincent B. Psychometric properties and diagnostic utility of the Beck Anxiety Inventory and the State-Trait Anxiety Inventory with older adult psychiatric outpatients. Journal of Anxiety Disorders. 1997 Jan-Feb Vol 11(1) 33-47

Kauhanen, Jussi; Julkunen, Juhani; Salonen, Jukka T. Validity and reliability of the Toronto Alexithymia Scale (TAS) in a population study. Journal of Psychosomatic Research. 1992 Oct Vol 36(7) 687-694

Kazmierczak, David A.; Smyth, Nancy J.; Wodarski, John S. Screening and assessment instruments for alcohol and other drugs. Family Therapy. 1999 Vol 26(2) 103-119

Keenan, P. A.; Lachar, David. Screening preschoolers with special problems: Use of the Personality Inventory for Children (PIC). Journal of School Psychology. 1988 Spr Vol 26(1) 1-11

Kelley, Patricia L.; Jacobs, Rick R.; Farr, James L. Effects of multiple administrations of the MMPI for employee screening. Personnel Psychology. 1994 Fal Vol 47(3) 575-591

Kilpatrick, David A.; Lewandowski, Lawrence J. Validity of screening tests for learning disabilities: A comparison of three measures. Journal of Psychoeducational Assessment. 1996 Mar Vol 14(1) 41-53

Klin, Ami; Lang, Jason; Cicchetti, Domenic V.; Volkmar, Fred R. Brief report: Interrater reliability of clinical diagnosis and DSM-IV criteria for autistic disorder: Results of the DSM-IV Autism Field Trial. Journal of Autism & Developmental Disorders. 2000 Apr Vol 30(2) 163-167

Koeter, Maarten W. Validity of the GHQ and SCL Anxiety and Depression scales: A comparative study. Journal of Affective Disorders. 1992 Apr Vol 24(4) 271-279

Kogan, Evan S.; Kabacoff, Robert I.; Hersen, Michel; Van Hasselt, Vincent B. Clinical cutoffs for the Beck Depression Inventory and the Geriatric Depression Scale with older adult psychiatric outpatientsJournal of Psychopathology & Behavioral Assessment. 1994 Sep Vol 16(3) 233-242

Kresanov, K.; Tuominen, J.; Piha, J.; Almqvist, F. Validity of child psychiatric screening methods. European Child & Adolescent Psychiatry. 1998 Jun Vol 7(2) 85-95

Kujala, Paeivi; Portin, R.; Ruutiainen, J. The progress of cognitive decline in multiple sclerosis: A controlled 3-year follow-up. Brain. 1997 Feb Vol 120(2) 289-297

Langevin, Ron; Wright, Percy; Handy, Loraine. Use of the MMPI and its derived scales with sex offenders: II. Reliability and criterion validity. Annals of Sex Research. 1990 Vol 3(4) 453-486

Laprise, Rejeanne; Vezina, Jean. Diagnostic performance of the Geriatric Depression Scale and the Beck Depression Inventory with nursing home residents. Canadian Journal on Aging. 1998 Win Vol 17(4) 401-413

Lavigne, John V.; Arend, Richard; Rosenbaum, Diane; Sinacore, James; et al. Interrater reliability of the DSM-III--R with preschool children. Journal of Abnormal Child Psychology. 1994 Dec Vol 22(6) 679-690

Lease, Suzanne H.; Yanico, Barbara J. Evidence of validity for the Children of Alcoholics Screening Test. Measurement & Evaluation in Counseling & Development. 1995 Jan Vol 27(4) 200-210

Leon, Andrew C.; Portera, Laura; Olfson, Mark; Kathol, Roger; Farber, Leslie; Lowell, Kira N.; Sheehan, David V. Diagnostic errors of primary care screens for depression and panic disorder. International Journal of Psychiatry in Medicine. 1999 Vol 29(1) 1-11

Leon, Andrew C.; Portera, Laura; Olfson, Mark; Weissman, Myrna M.; Kathol, Roger G.; Farber, Leslie; Sheehan, David V.; Pleil, Andreas M. False positive results: A challenge for psychiatric screening in primary care. American Journal of Psychiatry. 1997 Oct Vol 154(10) 1462-1464

Maki, Naruhiko; Ikeda, Manabu; Hokoishi, Kazuhiko; Nebu, Akihiko; Komori, Kenjiro; Shigenobu, Kazue; Fukuhara, Ryuji; Hirono, Nobutsugu; Nakata, Hideki; Tanabe, Hirotaka. Validity of the Short-Memory Questionnaire in vascular dementia. International Journal of Geriatric Psychiatry. 2000 Dec Vol 15(12) 1143-1146

Mann, A. H.; Raven, P.; Pilgrim, J.; Khanna, S.; Velayudham, A.; Suresh, K. P.; Channabasavanna, S. M.; Janca, A.; Sartorius, N. An assessment of the Standardized Assessment of Personality as a screening instrument for the International Personality Disorder Examination: A comparison of informant and patient assessment for personality disorder. Psychological Medicine. 1999 Jul Vol 29(4) 985-989

Margolis, Ronald B.; Williger, Nancy R.; Greenlief, Catherine L.; Dunn, Edwin J.; et al. The sensitivity of the Bender-Gestalt Test as a screening instrument for neuropsychological impairment in older adults. Journal of Psychology. 1989 Mar Vol 123(2) 179-186

Martin, Christopher S.; Pollock, Nancy K.; Bukstein, Oscar G.; Lynch, Kevin G. Inter-rater reliability of the SCID alcohol and substance use disorders section among adolescents. Drug & Alcohol Dependence. 2000 May Vol 59(2) 173-176

Martin, Scott L.; Terris, William. Predicting infrequent behavior: Clarifying the impact on false-positive rates. Journal of Applied Psychology. 1991 Jun Vol 76(3) 484-487

Matson, Johnny L.; Bamburg, Jay W. Reliability of the Assessment of Dual Diagnosis (ADD). Research in Developmental Disabilities. 1998 Jan-Feb Vol 19(1) 89-95

Matson, Johnny L.; Smiroldo, Brandi B.; Hastings, Theresa L. Validity of the Autism/Pervasive Developmental Disorder subscale of the Diagnostic Assessment for the Severely Handicapped-II. Journal of Autism & Developmental Disorders. 1998 Feb Vol 28(1) 77-81

McCormack, Arlene; Selvaggio, Marialena. Screening for pedophiles in youth-oriented community agencies.

McDaniel, Michael A. Biographical constructs for predicting employee suitability. Journal of Applied Psychology. 1989 Dec Vol 74(6) 964-970

McGraw, Kenneth O.; Gordji, Sohrab; Wong, S. P. How many subjects to screen? A practical procedure for estimating multivariate normal probabilities for correlated variables. Journal of Consulting & Clinical Psychology. 1994 Oct Vol 62(5) 960-964

McNiel, Dale E.; Binder, Renee L. Screening for risk of inpatient violence: Validation of an actuarial tool. Law & Human Behavior. 1994 Oct Vol 18(5) 579-586

Merson, S.; Tyrer, P.; Duke, Peter J.; Henderson, F. Interrater reliability of ICD-10 guidelines for the diagnosis of personality disorders. Journal of Personality Disorders. 1994 Sum Vol 8(2) 89-95

Miller, Lucy J.; Lemerand, Pamela A.; Schouten, Peter G. Interpreting evidence of predictive validity for developmental screening tests. Occupational Therapy Journal of Research. 1990 Mar-Apr Vol 10(2) 74-86

Moriarty, Anthony. Deterring the molester and abuser: Pre-employment testing for child and youth care workersChild & Youth Care Quarterly. 1990 Spr Vol 19(1) 59-66

Musselman, Dominique L.; Hawthorne, Colleen N.; Stoudemire, Alan. Screening for delirium: A means to improved outcome in hospitalized elderly patients. Reviews in Clinical Gerontology. 1997 Aug Vol 7(3) 235-256

Myerholtz, Linda; Rosenberg, Harold. Screening college students for alcohol problems: Psychometric assessment of the SASSI-2. Journal of Studies on Alcohol. 1998 Jul Vol 59(4) 439-446

Naugle, Richard I.; Chelune, Gordon J.; Tucker, Gretchen D. Validity of the Kaufman Brief Intelligence Test. Psychological Assessment. 1993 Jun Vol 5(2) 182-186

O'Donnell, William E.; de Soto, Clinton B.; de Soto, Janet L. Validity and reliability of the revised Neuropsychological Impairment Scale (NIS).

Oldfield, Kenneth; Hutchinson, Janet R. Predictive validity of the Graduate Record Examination with and without range restrictions. Psychological Reports. 1997 Aug Vol 81(1) 211-220

Oliveri, Stefano; Carpenter, Ian G.; Demopoulos, Gill. Validity and reliability of the Winchester Disability Rating Scale (2): A comprehensive screening instrument for the elderly in the community. Gerontology. 1994 Nov-Dec Vol 40(6) 319-324

Parikh, Rajesh M.; Eden, Dianne T.; Price, Thomas R.; Robinson, Robert G. The sensitivity and specificity of the Center for Epidemiologic Studies Depression Scale in screening for post-stroke depression. International Journal of Psychiatry in Medicine. 1988 Vol 18(2) 169-181

Patrick, Jayne. Validation of the MCMI-1 Borderline Personality Disorder scale with a well-defined criterion sample. Journal of Clinical Psychology. 1993 Jan Vol 49(1) 28-32

Patrick, Jayne; Links, Paul; Van Reekum, Rob; Mitton, M. Janice E.; et al. Using the PDQ--R BPD scale as a brief screening measure in the differential diagnosis of personality disorder. Journal of Personality Disorders. 1995 Fal Vol 9(3) 266-274

Perry, Adrienne; Veleno, Pasquale; Factor, David. Inter-rater agreement between direct care staff and psychologists for the diagnosis of autism according to DSM-III, DSM-III-R, and DSM-IV. Journal on Developmental Disabilities. 1998 Aug Vol 6(1) 32-43

Pomeroy, Ian M.; Clark, Christopher R.; Philp, Ian. The effectiveness of very short scales for depression screening in elderly medical patients. International Journal of Geriatric Psychiatry. 2001 Mar Vol 16(3) 321-326

Prewett, Peter N. A comparison of two screening tests (the Matrix Analogies Test--Short Form and the Kaufman Brief Intelligence Test) with the WISC-III. Psychological Assessment. 1995 Mar Vol 7(1) 69-72

Rafilson, Fred M.; Sison, Ray. Seven criterion-related validity studies conducted with the National Police Officer Selection Test. Psychological Reports. 1996 Feb Vol 78(1) 163-176

Razavi, Darius; Delvaux, Nicole; Farvacques, Christine; Robaye, Edmond. Screening for adjustment disorders and major depressive disorders in cancer in-patients. British Journal of Psychiatry. 1990 Jan Vol 156 79-83

Rogers, Richard; Ustad, Karen L.; Salekin, Randall T. Convergent validity of the Personality Assessment Inventory: A study of emergency referrals in a correctional setting. Assessment. 1998 Mar Vol 5(1) 3-12

Ross, Helen E.; Gavin, Douglas R.; Skinner, Harvey A. Diagnostic validity of the MAST and the Alcohol Dependence Scale in the assessment of DSM-III alcohol disorders. Journal of Studies on Alcohol. 1990 Nov Vol 51(6) 506-513

Roy-Byrne, Peter P.; Russo, Joan. Interrater agreement among psychiatrists regarding emergency psychiatric assessments. American Journal of Psychiatry. 1999 Nov Vol 156(11) 1840-1841

Sauser, William I.; Hornsby, Jeffrey S.; Benson, Philip G. Psychometric characteristics of a preemployment screening device. Psychological Reports. 1988 Dec Vol 63(3) 971-977

Scanlan, James; Borson, Soo. The Mini-Cog: Receiver operating characteristics with expert and naieve raters. International Journal of Geriatric Psychiatry. 2001 Feb Vol 16(2) 216-222

Scarpa, Angela; Luscher, Kristen A.; Smalley, Kadee J.; Pilkonis, Paul A.; Kim, Yookyung; Williams, William C. Screening for personality disorders in a nonclinical population. Journal of Personality Disorders. 1999 Win Vol 13(4) 345-360

Schade, Charles P.; Jones, Everett R., Jr.; Wittlin, Byron J. A ten-year review of the validity and clinical utility of depression screening. Psychiatric Services. 1998 Jan Vol 49(1) 55-61

Scheinberg, Zvi; Koslowsky, Meni; Bleich, Avi; Mark, Mordechai; et al. Sensitivity, specificity, and positive predictive value as measures of prediction accuracy: The case of the EAT-26. Educational & Psychological Measurement. 1993 Fal Vol 53(3) 831-839

Schmitz, N.; Kruse, J.; Heckrath, C.; Alberti, L.; Tress, W. Diagnosing mental disorders in primary care: The General Health Questionnaire (GHQ) and the Symptom Check List (SCL-90-R) as screening instruments. Social Psychiatry & Psychiatric Epidemiology. 1999 Jul Vol 34(7) 360-366

Schmitz, N.; Kruse, J.; Tress, W. Application of stratum-specific likelihood ratios in mental health screening. Social Psychiatry & Psychiatric Epidemiology. 2000 Aug Vol 35(8) 375-379

Seagraves, Margaret C.; Harrison, Patti L. Test reviews: Phelps Kindergarten Readiness Scale. Journal of Psychoeducational Assessment. 1994 Jun Vol 12(2) 201-204

Selzer, Rob; Hamill, Cheryl; Bowes, Glenn; Patton, George. The Branched Eating Disorders Test: Validity in a nonclinical population. International Journal of Eating Disorders. 1996 Jul Vol 20(1) 57-64

Sherman, Laurie G.; Morschauser, Pamela C. Screening for suicide risk in inmates. Psychiatric Quarterly. 1989 Sum Vol 60(2) 119-138

Sherman, Tracy; Shulman, Brian B. Specificity and sensitivity ratios of the Pediatric Language Acquisition Screening Tool for Early Referral-Revised. Infant-Toddler Intervention. 1999 Dec Vol 9(4) 315-330

Simeon, Daphne; Guralnik, Orna; Gross, Shira; Stein, Dan J.; Schmeidler, James; Hollander, Eric. The detection and measurement of depersonalization disorder. Journal of Nervous & Mental Disease. 1998 Sep Vol 186(9) 536-542

Skodol, Andrew E.; Hyler, Steven E.; Oldham, John M. The valid assessment of personality disorders. American Journal of Psychiatry. 1993 Dec Vol 150(12) 1905

Skodol, Andrew E.; Oldham, John M. Assessment and diagnosis of borderline personality disorder. Hospital & Community Psychiatry. 1991 Oct Vol 42(10) 1021-1028

Smith, Gillan; Fischer, Lane Assessment of juvenile sexual offenders: Reliability and validity of the Abel Assessment for Interest in Paraphilias. Sexual Abuse: Journal of Research & Treatment. 1999 Jul Vol 11(3) 207-216

Smith, Mark; Breitbart, William S.; Platt, Meredith M. A critique of instruments and methods to detect, diagnose, and rate delirium. Journal of Pain & Symptom Management. 1995 Jan Vol 10(1) 35-77

Social Casework. 1989 Jan Vol 70(1) 37-42

Solomon, Paul R.; Hirschoff, Aliina; Kelly, Bridget; Relin, Mahri; Brush, Michael; DeVeaux, Richard D.; Pendlebury, William W. A 7 minute neurocognitive screening battery highly sensitive to Alzheimer's disease. Archives of Neurology. 1998 Mar Vol 55(3) 349-355

Starcevic, Vladan; Bogojevic, Goran; Kelin, Katarina. Diagnostic agreement between the DSM-IV and ICD-10-DCR personality disorders. Psychopathology. 1997 Nov-Dec Vol 30(6) 328-334

Steer, Robert A.; Cavalieri, Thomas A.; Leonard, Douglas M.; Beck, Aaron T. Use of the Beck Depression Inventory for primary care to screen for major depression disorders. General Hospital Psychiatry. 1999 Mar-Apr Vol 21(2) 106-111

Steffens, David C.; Welsh, Kathleen A.; Burke, James R.; Helms, Michael J.; et al. Diagnosis of Alzheimer's disease in epidemiologic studies by staged review of clinical data. Neuropsychiatry, Neuropsychology, & Behavioral Neurology. 1996 Apr Vol 9(2) 107-113

Stiles, Paul G.; McGarrahan, Jane F. The Geriatric Depression Scale: A comprehensive review. Journal of Clinical Geropsychology. 1998 Apr Vol 4(2) 89-110

Stokes, Alan F.; Banich, Marie T.; Elledge, Valorie C. Testing the tests: An empirical evaluation of screening tests for the detection of cognitive impairment in aviators. Aviation, Space, & Environmental Medicine. 1991 Aug Vol 62(8) 783-788

Storgaard, Heidi; Nielsen, Susanne D.; Gluud, Christian. The validity of the Michigan Alcoholism Screening Test (MAST). Alcohol & Alcoholism. 1994 Sep Vol 29(5) 493-502

Teare, Marijo; Fristad, Mary A.; Weller, Elizabeth B.; Weller, Ronald A.; Salmon, Paul. Study II: Concurrent validity of the DSM-III-R Children's Interview for Psychiatric Syndromes (ChIPS). Journal of Child & Adolescent Psychopharmacology. 1998 Vol 8(4) 213-219

Trull, Timothy J.; Larson, Stacy L. External validity of two personality disorder inventories. Journal of Personality Disorders. 1994 Sum Vol 8(2) 96-103

Uhlmann, Richard F.; Larson, Eric B. Effect of education on the Mini-Mental State Examination as a screening test for dementia. Journal of the American Geriatrics Society. 1991 Sep Vol 39(9) 876-880

van Heugten, Caroline M.; Dekker, Joost; Deelman, Betto G.; Stehmann-Saris, Fieneke C.; Kinebanian, Astrid A diagnostic test for apraxia in stroke patients: Internal consistency and diagnostic value. Clinical Neuropsychologist. 1999 May Vol 13(2) 182-192

van Velzen, Carol J. M.; Luteijn, Frans; Scholing, Agnes; van Hout, Wiljo J. P. J.; Emmelkamp, Paul M. G. The efficacy of the Personality Diagnostic Questionnaire--Revised as a diagnostic screening instrument in an anxiety disorder group. Clinical Psychology & Psychotherapy. 1999 Nov Vol 6(5) 395-403

Volker, Martin A.; Guarnaccia, Vincent; Scardapane, Joseph R. Short forms of the Stanford-Binet Intelligence Scale: Fourth Edition for screening potentially gifted preschoolers. Journal of Psychoeducational Assessment. 1999 Sep Vol 17(3) 226-235

von Cleve, Elizabeth; Jemelka, Ron; Trupin, Eric. Reliability of psychological test scores for offenders entering a state prison system. Criminal Justice & Behavior. 1991 Jun Vol 18(2) 159-165

Ward, Ann; Dockerill, John. The predictive accuracy of the Violent Offender Treatment Program Risk Assessment Scale. Criminal Justice & Behavior. 1999 Mar Vol 26(1) 125-140

Watkins, Marley W. Diagnostic utility of WISC--III subtest variability among students with learning disabilities. Canadian Journal of School Psychology. 1999 Vol 15(1) 11-20

Weiler, Michael David; Bellinger, David; Simmons, Esau; Rappaport, Leonard; Urion, David K.; Mitchell, William; Bassett, Nancy; Burke, Pamela J.; Marmor, Jacilyn; Waber, Deborah. Reliability and validity of a DSM-IV based ADHD screener. Child Neuropsychology. 2000 Mar Vol 6(1) 3-23

Weinstein, Milton C.; Berwick, Donald M.; Goldman, Paula A.; Murphy, Jane M.; et al. A comparison of three psychiatric screening tests using receiver operating characteristic (ROC) analysis. Medical Care. 1989 Jun Vol 27(6) 593-607

Wetzler, Scott; Khadivi, Ali; Moser, R. Kevin. The use of the MMPI-2 for the assessment of depressive and psychotic disorders. Assessment. 1998 Sep Vol 5(3) 249-261

Whurr, Renata; Evans, Sara. Children's Acquired Aphasia Screening Test. International Journal of Language & Communication Disorders. 1998 Vol 33(Suppl) 343-344

Wittchen, Hans-Ulrich; Boyer, Patrice. Screening for anxiety disorders: Sensitivity and specificity of the Anxiety Screening Questionnaire (ASQ--15). British Journal of Psychiatry. 1998 Jul Vol 173(Suppl 34) 10-17

Wyshak, Grace; Barsky, Arthur J.; Klerman, Gerald L. Comparison of psychiatric screening tests in a general medical setting using ROC analysis. Medical Care. 1991 Aug Vol 29(8) 775-785

Zimmerman, Mark; Mattia, Jill I. The reliability and validity of a screening questionnaire for 13 DSM-IV Axis I disorders (the Psychiatric Diagnostic Screening Questionnaire) in psychiatric outpatients. Journal of Clinical Psychiatry. 1999 Oct Vol 60(10) 677-683